IPTV User's Guide

THE **FUTURE**
NOW SHOWING

DOUGLAS COUNTY P.U.D.

THE NEW WAY TO WATCH

Digital TV is different than anything you have seen before. It isn't cable…it's better. Digital TV offers great channels, many features and many choices. Watch what you want – sports, movies, news, cartoons, dramas, comedies – anything you can imagine is there. Watch when you want – with features like Autotune and digital video recording. Watch how you want – high quality digital video and sound. So sit back, relax and enjoy the future.

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1 Remote Control Basics

ADB Potenza Remote Control Layout

Device Selection
Send commands to TV, audio, DVD, auxiliary device or set top box

RCU SETUP
Setup remote

DVR LIST
Display recordings

MENU
Displays Menubar

Arrow Keys
Move the highlight in menu screens

GUIDE
Displays the Guide

DAY - / DAY +
Jumps the Guide 12 hours ahead or back

Function Keys
Reserved for future use

VOL + / -
Adjust volume

MUTE
Turn sound on or off

Number Pad
Enter a channel number or PIN

INPUT
Change input on device

PHONE
Display Caller ID Log

POWER
Turn a selected device on or off

Playback Controls
Control playback of DVD or DVR

RECORD
Begin DVR recording

INFO
Display the Infobar

OK
Enter a choice you have made

EXIT
Close any screen and return to TV

PG + / -
Jump the Guide 1 page up or down

CH +/-
Change the channel

VoD
Reserved for future use

LAST
Return to previous channel

CC
Turn closed captions on or off

Additional Keys
Reserved for future use

Turn Your Set Top Box or TV On or Off

Potenza Remote

The device selection keys tell your remote whether you want to control your set top box or your television.

To turn your TV on or off, press the **TV** key then the **POWER** key.

To turn your set top box on or off, press the **STB** key and then the **POWER** key.

If pressing **POWER** turned the wrong device on or off, press the **POWER** key again, press the appropriate device selection key (**TV**, **AUD**, **DVD**, **AUX** or **STB**) and press **POWER** once more.

Note: It is not necessary to turn your set top box off.

Note: Your remote control must have the remote code programmed in before it can send the correct signals for your TV. If the list of TV brand codes was not included in your installation pack, please contact customer service.

Change Channels

The **CH+/-** key will change channels up or down one at a time.

The **Number Pad** can be used to directly enter a channel number.

The **Guide** key will display the on-screen Guide so you can find a program you like. If the program is on now, you tune to the channel showing it. If not, you can set a scheduled event to remind you when it does come on. If your set top box supports recording, you can schedule a recording for the program.

For more information on the on-screen Guide, see section **5 Guide**.

For more information on setting Reminders, Autotunes and Recordings, see **Setting a Reminder, Autotune or Recording** in section **6 Guide - Alerts & Recording**.

Adjust Volume

The **VOL+/-** key will adjust the volume gradually.

The **MUTE** key will toggle the sound on and off.

System Keys

There are a number of keys on your remote that display different features of your service.

MENU displays the Menubar when in cable [STB] mode, and in [TV] mode you will see your TV's menu. The Menubar provides quick access to every feature supported by your service.

For more information about the Menubar, see section **4 Menubar**.

INFO displays the Infobar, a feature that lets you see information on what you're watching, what's coming on next, and what's on other channels.

For more information on the Infobar, see section **3 Infobar**.

EXIT causes your set top box to exit whatever screen you are seeing and return you to normal TV viewing. If you ever get lost on a screen, it is always safe to press **EXIT** and then start over.

2 How To Use This Book

Layout

Instructions are paired with screen shots to illustrate the process and provide confirmation of what you should see on your TV.

Section headings and on-screen text, such as screen titles, messages and options are shown in **Deep Blue Bold Type**.

Keys on the remote control are represented by a graphic of that key, or **Red Bold Type** when a graphic cannot be shown.

Color-codes & Icons

Program listings may display icons based on settings for a particular program.

Program Attributes

New Episode (not a re-run)

Program in High Definition

Autotune

Reminder

Record*

Series-Record*

Series Record Episode Skipped*

Folder for Series Recordings*

Closed Captioned

Dolby Digital Audio

Favorite

Alert Symbol

Lock Program

Live TV

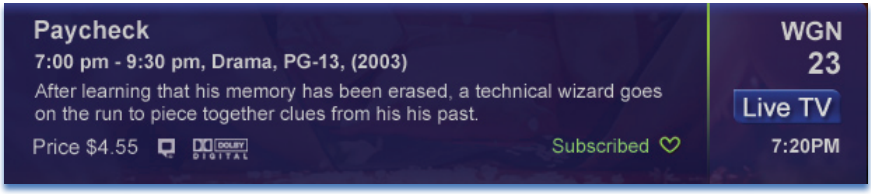
Whole Home DVR

Record and Series Record only appear if your set top box supports recording.

All menubar icons and explanations are in **4 Menubar**.

Note: Douglas County PUD's PIN code for customers is one (1). For instructions on changing the default PIN code, go to page 43, **Settings - Editing a User Account.**

3 Infobar



Introducing The Infobar

The Infobar is a quick way of finding information about the show you are watching, what comes on later, and what is on other channels.

Go To The Infobar

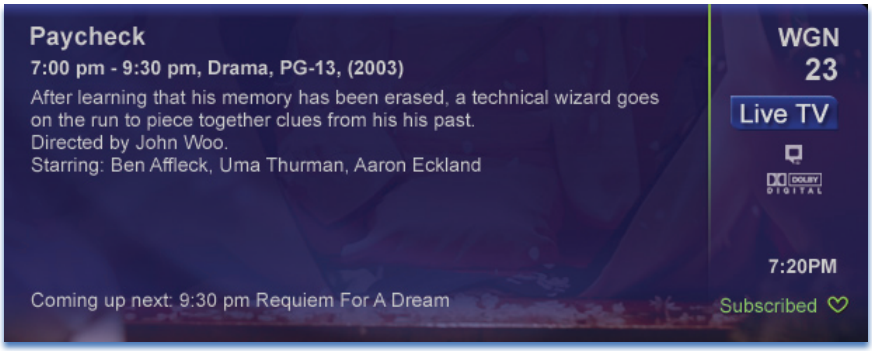
There are three ways to make the basic Infobar appear.

Press **INFO** on your remote control.

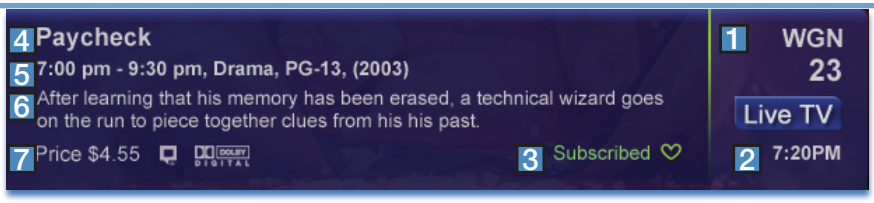
Press the **Up** or **Down Arrow Keys** on your remote control.

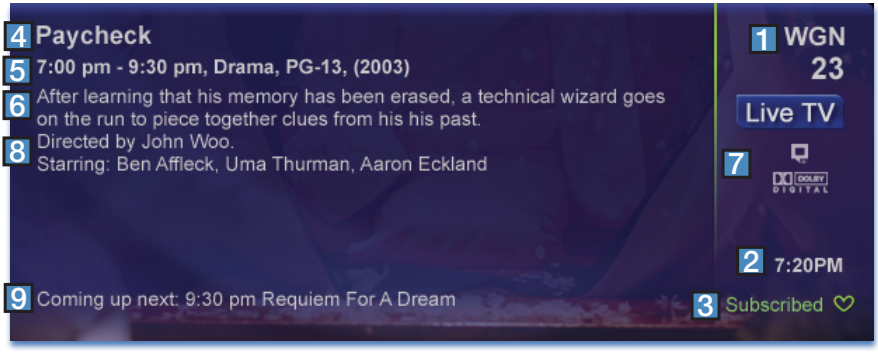
The basic Infobar will also appear any time you change channels.

Once the Infobar is active, press **INFO** again to display the detailed Infobar. It adds information on directors, actors and the name of the next program.



3 Infobar





1 **Channel Name and Number**

The name and number of the channel currently listed in the Infobar.

2 **Current Time**

3 **Favorite List Currently In Use**

4 **Program Name**

5 **Program Start Time, End Time and Rating**

Includes original release date in Detailed View.

6 **Program Synopsis**

7 **Additional Program Details**

This area will indicate details such as if this program is Live TV, Recorded using DVR, or Blocked. If Dolby Digital audio or Secondary Audio Program are available, it will also be shown here. Finally, an HDTV program will be indicated here.

8 **Director and Actor Information**

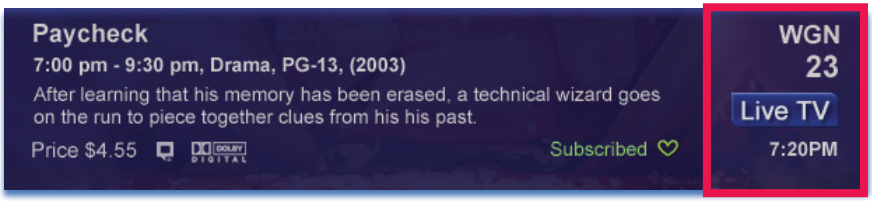
9 **Coming Up Next**

The start time and title of the next program to be shown on the channel currently listed in the InfoBar.

Using the Infobar

Step 1: Go To The Infobar

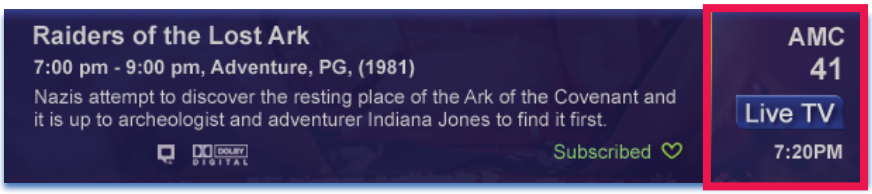
Press **INFO**, the **Up or Down Arrow Keys**, or change channels.



Step 2a: See What's On Other Channels

Press the **Up or Down Arrow Keys** to scroll the Infobar through what is showing on other channels without actually changing channels.

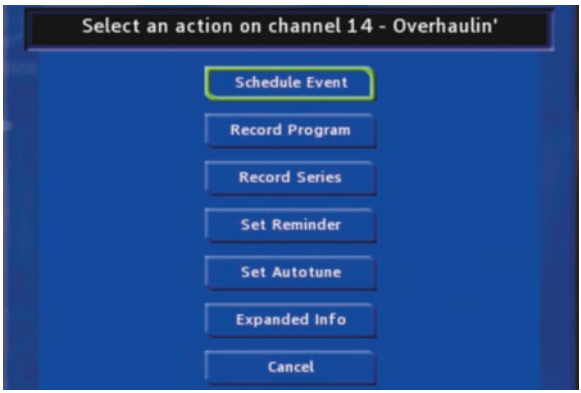
If you find something you would rather watch on another channel, press **OK** to tune to that channel.



Step 2b: See What's On Later

Press the **Right Arrow Key** to scroll ahead to upcoming programs for the channel listed on the Infobar.

Press **OK** while viewing info on a future program to bring up these options.

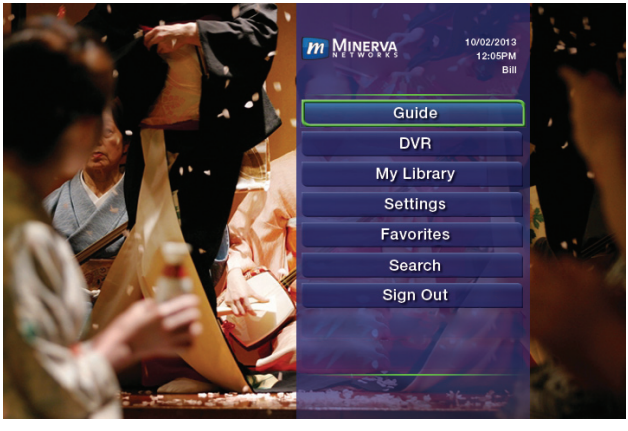


Press the **Left Arrow Key** to scroll back to the current channel listing. To exit the Infobar completely, press **Exit** on your remote.

Note: Recording options will not be available if your set top box doesn't support those features.

4 Menubar

Introducing the Menubar



The Menubar is a quick and easy way to access any feature of your service.

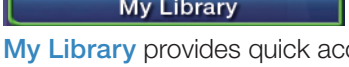
Go To the Menubar

To display the Menubar, press **MENU** on your remote control. Press the **Up/Down Keys** on your remote control to move the highlight through the menu. Press **Menu** again to exit or press **Exit** on your remote control.

Understanding the Menubar

Guide will bring up the program guide. For information on the Guide, please see section **5 Guide**. To record or edit a recording, please see section **6 Guide - Alerts & Record**.

DVR allows you to watch existing recordings, access a list of scheduled recordings, and edit and sort both. You can also create a recording (Schedule Event) and prioritize conflicting series recordings. For information on DVR, see section **8 DVR**



My Library provides quick access to previously purchased programs, Reminders you have scheduled, messages regarding your service, and Caller ID history. For more information on My Library, see section **10 My Library**.

Settings offers access to creating parental controls and setting blocked channels, determining how things appear on the screen (such as TV caller ID), and creating, editing and deleting user accounts. For information on **Settings**, see section **11 Settings**.

Favorites allows you to choose, edit, create or delete a favorite channel list. For information on Favorites, see section **13 Favorites**.

Search allows you to search program listings or Video on Demand rentals by title or key words. For information on Search, see section **14 Search**.

Sign Out allows you to sign out of the current user account. This only appears if you are using the **Enable Login** option under **Settings/ Preferences**, have multiple user accounts, and have signed in with a user name and password. For information on user accounts, see **User Settings** in section **11 Settings**.

5 Guide

Introducing the Guide

The Guide is the place to quickly find out what's on now and what's playing later. You can set Reminders or Recordings for upcoming programs in the Guide.

Go To the Guide

There are two ways to go to the on-screen Guide.
Press **GUIDE** or Press **MENU**, scroll to the **Guide** icon, and press **OK**.

Getting Around the Guide

To navigate the on-screen Guide…

- Move to a channel by entering the channel with the **Number Pad (0-9)**.
- Use the **Arrow Keys** on the remote to move the highlight through the on-screen Guide, channel by channel.
- Press the **Up** or **Down Arrows** to move the highlight to view what programs are currently showing on different channels.
- Press the **Left** or **Right Arrows** to move the highlight to view what future programs will be showing up to 7 days into the future.
- Press **Page Up** or **Page Down** to jump up or down one screen of listings.
- Press **OK** to preview a current highlighted show on the Guide in the upper-left corner of your TV screen. To view the program full screen, press **OK** again.
- Continuing to press the **Guide** key on your remote will switch the **Favorite** list to **All**, **Subscribed**, **SD**, **HD**, **PPV**, and any **Favorites** lists that you create. This causes the on-screen Guide to only display the channels included on each list. Cycling to **All** will display all available programming.
- Press **EXIT** to leave the on-screen Guide.

Favorites List in the Guide

A Favorites list allows you to select channels you watch most often, placing them on a list that is quickly accessed in the **Guide**. **If you can't see all your channels, you may be limited by the Favorites list you've selected. Selecting All will display all available programs. Other Favorites lists will only display the channels you've previously added to that list.** For more details about creating, editing, or naming a Favorites list, see section **13 Favorites**.

HDTV Programming

Programs available in HD will appear in the Guide with a blue **HD** icon HD next to the name of the program. In order to watch HD programming, you will need an HDTV-capable set top box and TV, and may need to subscribe to an HD channel package.

Guide Layout

Favorites List
Indicates the Favorites list currently in use.

Info Area
Provides information about the currently highlighted program.

Picture-in-Picture
Allows you to watch TV while you are on the on-screen Guide.

Highlight
Indicates what program listing is currently in focus.

Program Listings
Shows channel number, channel abbreviation, and program listings for each channel. Program listings may include icons to indicate a setting or feature for a particular program.

Listing Date/Time
Shows the date and time (divided into 30-minute increments) for the programs currently shown on the on-screen Guide.

Introducing Guide & Recording

In this section, you will learn about setting or scheduling a recording, recording a series, and editing it. You will view the recordings under the DVR icon.

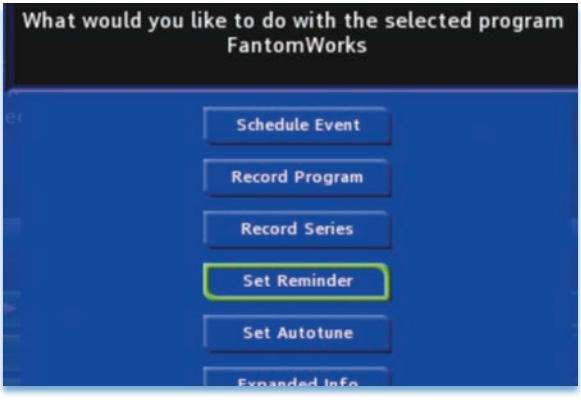
A Reminder informs you a program is about to come on. An Autotune automatically changes the channel when the program is about to start. A Recording will automatically record the program to your set top box. On the **Schedule Event** screen, you can edit the channel number, time, type of timer (**Recording**, **Reminder**, or **Autotune**), and frequency of the event. See **7 Recording** and **8 DVR** for more details on **Schedule Event**.

Setting a Reminder, Autotune or Recording

Step 1: Pick a Program

Pull up the on-screen Guide and find the future program you want. Highlight its listing and press **OK**. A pop-up menu will appear.

Note: The pop-up may appear different depending if your STB is DVR-enabled, or what type of program you selected to record.



Step 2: Set the Reminder, Autotune or Record

Highlight and Record Program, Set Autotune, or Set Reminder and press **OK**. You will then be returned to the on-screen Guide.

See **7 Recording** - **Quick Recording** for how to record a currently playing program.

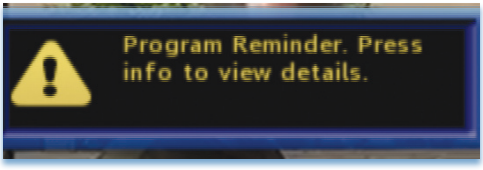
Step 3: Return to the On-Screen Guide

The program listing now shows an icon.

Reminder set

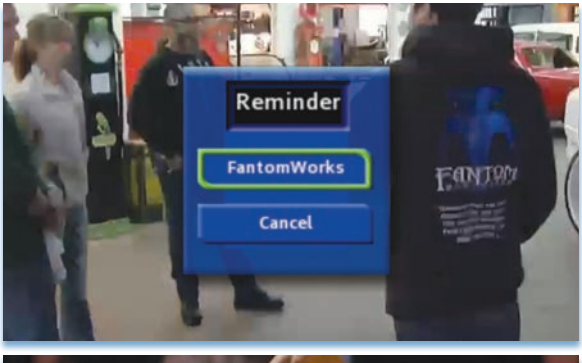
Autotune set

Recording set



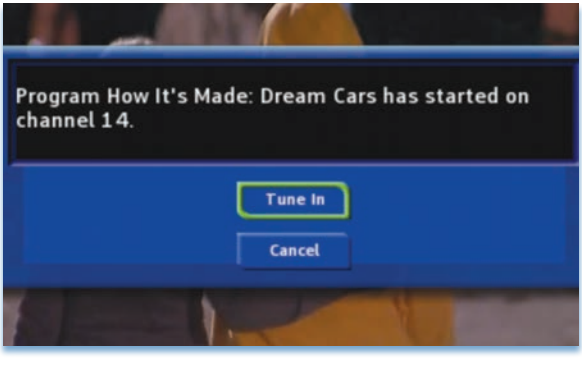
Step 4a: Your Reminder

A few minutes before your program comes on, a box will appear on your screen telling you that you have a Reminder.



Press **INFO** to display the Reminder.

Highlight the button showing the program name and press **OK** to watch the program. Highlight **Cancel** and press **OK** to ignore the Reminder.



Step 4b: Your Autotune

Just before the program begins, a message will display, giving you the option to tune in or cancel.

Step 4c: Your Recording

If you set a future recording, your set top box will record it for you once your program begins (see **7 Recordings** for more details).

To watch your recording, go to **8 DVR** - **Recordings**.

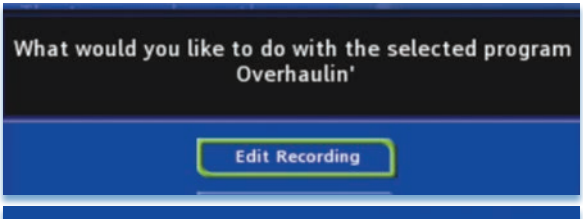
Editing a Recording

Note: Recording is not available if your set top box doesn't support it.

Once you have created a recording, you can adjust when the recording begins or ends. This ensures nothing is missed in case the broadcaster's time doesn't precisely match up with yours.

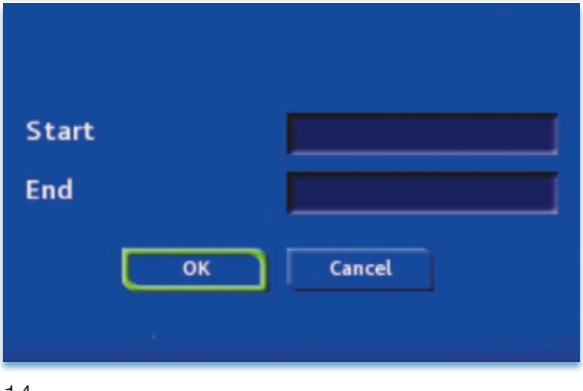
Step 1: Pick an Upcoming Recording

Locate the program to be recorded. Highlight its listing and press **OK**.



Step 2: Edit Recording

From the options shown for this program, highlight **Edit Recording** and press **OK**.



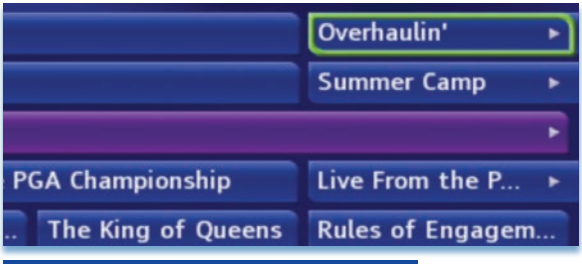
Step 3: Select Start & End Times

Arrow Up or **Down** to choose **Start** or **End** and press **OK**. Once you see arrows above and below the **Start** or **End** box, **Arrow Up** or **Down** to adjust the **Start** or **End** time.

Setting a Series Recording

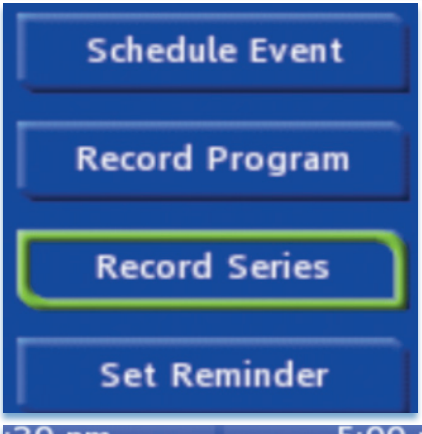
Note: Recording is not available if your set top box doesn't support it.

If you choose to record a program that is part of a regular series, you will be offered the option to record the series. This allows you to record every episode of a favorite program.



Step 1: Pick a Program

Find any episode of the series you want to record. Highlight the program listing and press **OK**.

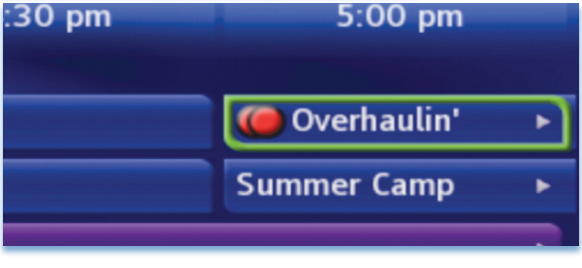


Step 2: Set the Recording

Highlight **Record Series** and press **OK**.

Step 3: Return To the On-Screen Guide

Once you have set the series recording you will be returned to the on-screen Guide.



The program listing now shows an icon next to the program's name.

Series Recording set

Every upcoming episode of the series will be recorded.

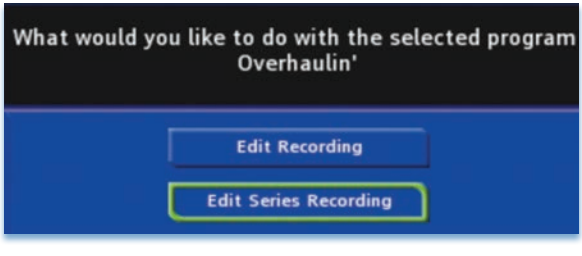
Editing a Series Recording

Note: Recording is not available if your set top box doesn't support it.

Once you have created a series recording, you can adjust which episodes of the series are recorded and which are skipped.

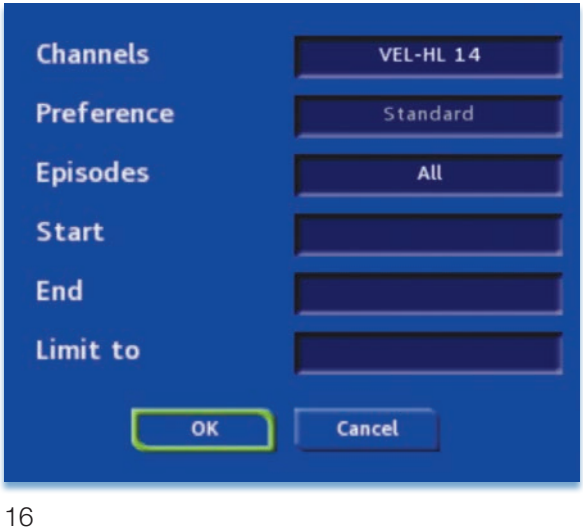
Step 1: Pick a Series Recording

Locate any program in the series to be recorded. Highlight its listing and press **OK**.



Step 2: Edit Series Recording

From the options shown for this program, highlight **Edit Series Recording** and press **OK**.



Step 3: Adjust Series Recording Options

Arrow Up or **Down** to choose an option and press **OK**. Once you see arrows above and below the options setting box, **Arrow Up** or **Down** to adjust that setting.

Channels determines whether the series is recorded when aired on the channel originally set to record, or record the series on whatever channel airs it.

Preference determines whether to record the program when shown in standard definition or only when shown in high definition.

Episodes determines whether to record re-runs and new episodes of the series or only new episodes.

Start and **End** determines how much time to add at the start and end time of the recording so that none of the program is missed.

Limit To determines how many episodes of the series are saved. If set to anything other than all, the system will delete the oldest recorded episode of the series once the limit is reached.

Once you have adjusted the series settings, highlight **OK** and press **OK** to save your changes.

Skipping an Episode

Once you have created a series recording, you can manually skip any episode.

Step 1: Pick the Episode

Locate the episode in the series you want to skip. Highlight its listing and press **OK**.

Step 2: Skip the Episode

Highlight **Skip Episode**

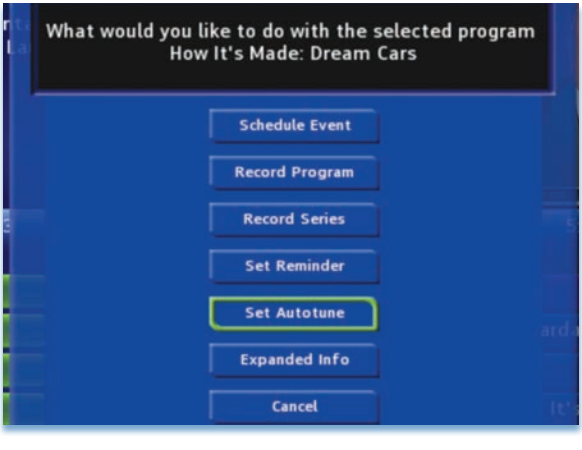
and press **OK**. You will be returned to the on-screen Guide and the red dots on the episode listing will turn grey to indicate you are skipping that episode. If you decide to record this episode after all, repeat this procedure and choose **Record Episode** from the options shown and press **OK**. The dots will become red again.

Canceling an Autotune, Reminder, Recording or Series Recording

You can cancel any event you have previously scheduled directly from the Guide.

Step 1: Pick the Program

Highlight the program with the event you want to cancel and press **OK**.



Step 2: Cancel the Event

Depending on the type of event you are canceling, your options will be:

or

Highlight the option you want and press **OK**.

Step 3: Return to the On-Screen Guide

After you press **OK**, you will return to the on-screen Guide.

Additional Information on Canceling Events

A list of your Reminders and Autotunes is located in **10 My Library - Reminders** and can be canceled from there.

To cancel scheduled recordings, see **8 DVR - To Record**.

Recordings

Creating recordings and pausing live TV both require a DVR (Digital Video Recorder). There are several ways to record besides those covered in **6 Guide - Alerts & Recording**. They are listed here.

Quick Recording

The fastest and easiest way to begin recording is to use the **RECORD** key on your remote control.

Step 1: Start Recording

While watching a program, press **RECORD**. Recording will begin immediately.

You can also start a quick record on the on-screen Guide.

Highlight a program you want to record using the **Arrow Keys** and press **RECORD**.

If the program is currently on, recording will begin immediately. The program will be recorded until it is scheduled to finish. To manually stop the recording before it is finished, press **STOP**. If the program comes on in the future, your system will record the program for you automatically.

General Guidelines About Recordings

Your TV can even be turned off and recording will take place.

You can record two programs and watch a different program simultaneously.

Check with your service provider to see additional multiple recording options.

Pausing Live TV (PLT)

Recording capability also allows you to pause live TV (PLT). While watching a channel, PLT will temporarily store what you have watched so you can pause a program and then press play to resume watching.

Controlling Live TV

While watching a recorded program or live TV, you can use the **Playback Control Keys** to control playback.

Press **PAUSE** on your remote control to pause the program. Programs can be paused as long as the current channel is not changed.

Press **PLAY** to resume watching.

Press **REWIND** or **FAST FORWARD** to reverse or advance playback from the current point. Press repeatedly to increase **FAST FORWARD** or **REWIND** speed.

Press **STOP** to exit playback of the program.

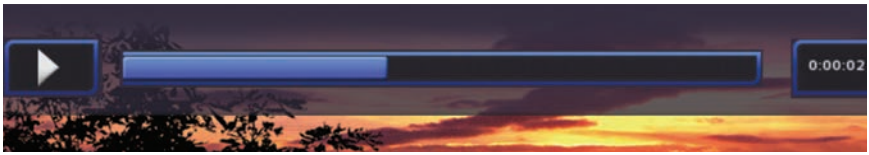
The PLT bar appears whenever you pause, rewind or fast forward live TV.

The center area indicates the amount of TV saved. The “I-bar” shows where you are within that range.

The far left box indicates the current playback function.

The far right box indicates the current time.

DVR Playback Controller



Any time you press one of the **Playback Control Keys** while watching a previously recorded program, the DVR playback controller is displayed.

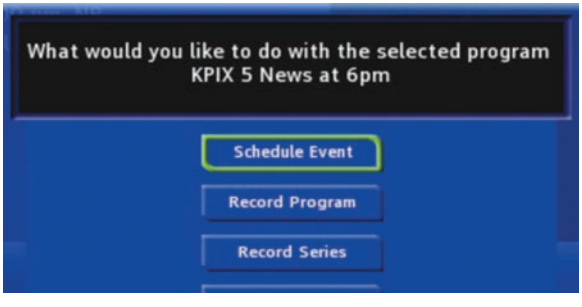
The box to the left indicates the playback function in use.

The bar in the middle gives a visual representation of where you are in the recording. The lighter section indicates how much of the recording has been played.

Schedule Event

With **Schedule Event**, you can select the channel, date, start and stop time, duration, and frequency of a recording. It is helpful when you want to record or watch a portion of a program on a reoccurring basis.

Accessing the Schedule Event Screen



There are two ways to access the screen.

Option 1:

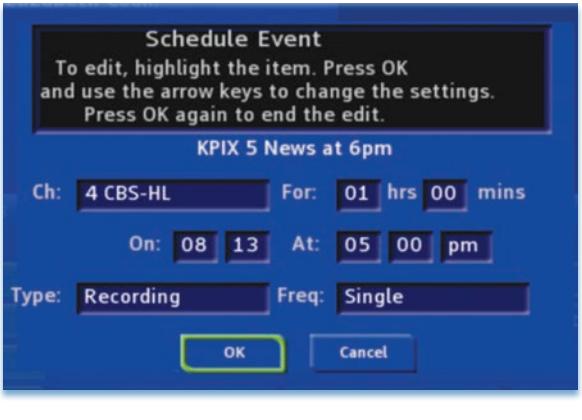
When you select a future program on the on-screen Guide and press **OK**, select the **Scheduled Event** option from the pop-up menu.

The **Schedule Event** screen is populated from the channel you were watching and will change when you select a future program on the on-screen Guide.

Option 2:

Press **MENU** on your remote control, navigate to **DVR**, then scroll down to **Schedule Event**, and press **OK**.

Configuring the Schedule Event Screen



The information (the date, program name, channel, time and frequency of recording) is listed on the **Scheduled Event** screen.

If information is incorrect, highlight it and press **OK**. **Arrow Up** and **Down** on your remote to enter the correct information and press **OK**.

Set Type of Event

Arrow Down and highlight **Type** and press **OK**. The highlight will become left/right arrows.

Arrow Left or **Right** until you see the event type you want (**Recording**, **Autotune**, **Reminder**), then press **OK**.

Set Event Frequency

Arrow Down on your remote and highlight **Freq** and press **OK**. The highlight will become left/right arrows.

Arrow Left or **Right** on your remote until you see the frequency you want (**Single**, **Weekly**, **M-F**, **Every Day**), then press **OK**.

Arrow Down on your remote and highlight **OK** on the **Schedule Event** screen and press **OK** on your remote. You will be returned to the **DVR** menu. Press **Exit** to return to the on-screen Guide.

See **8 DVR - Schedule Event** for details on editing the **Schedule Event** screen.

Record By Search

Navigate to the Menubar by pressing the **Menu** key, highlighting the **Search** icon, and press **OK**. (See **14 Search** for complete details on **Search**.)

Once the Search topic is found, navigate to the program you want to record. Then highlight it and press **OK**.

Arrow Down to **Record Program** for a one-time recording and press **OK**. Or **Arrow Down** and highlight **Record Series** to record all episodes of the show.

See **14 Search** for more details.

Note: To view your recordings, go to chapter 8 DVR - Recordings.

Introducing DVR

In DVR, you can view current recordings, see a list of future scheduled recordings, edit and cancel recordings, sort and prioritize recordings, lock recordings, and schedule a future event. Schedule Event is the only DVR feature that enables recordings.

Go To DVR

Press **MENU**, highlight **DVR** and press **OK**.

The DVR Menu Quick Reference

Recordings lists programs you have already recorded. Go here to watch, sort, lock or delete these recorded programs. VIEW RECORDINGS

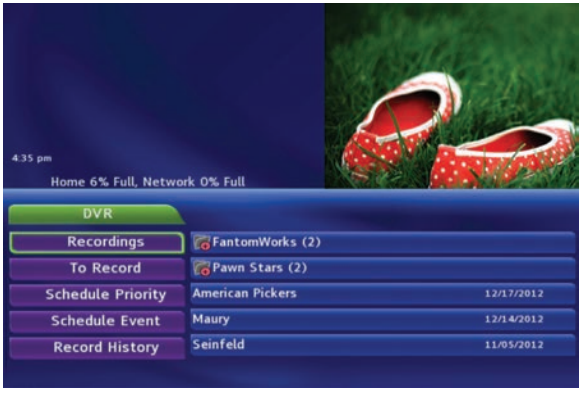
To Record lists all Recording events you have scheduled, and allows you to sort, or cancel any future recording events. VIEW FUTURE RECORDINGS

Schedule Priority allows you to give priority for one series recording over another in the event of a scheduling conflict.

Schedule Event allows you to create a Recording, Reminder or Autotune event for individual or recurring programs.

Record History is a log of when recordings start, complete or are canceled.

Recordings



Highlight **Recordings** and press **OK**.

A list of your recorded programs appears to the right.

Series Recording Folder

At the bottom of the info area, a percentage full item is shown. This indicates the percentage of total recording space used.

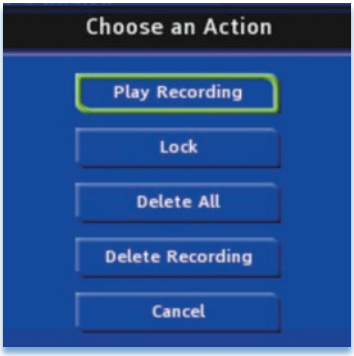
Recordings not yet watched are listed with white text; those you have watched are listed with grey text. If a program is still being recorded a red dot icon will appear to the left of the program's name.

The Whole Home icon means that the recorded program can be viewed from any set top box in the house and will appear to the left of the program's name. (See the end of this DVR section for more details about Whole Home DVR.)

Recordings: Watching a Recorded Program

Step 1: Pick a Recording

Highlight the recording you want to watch and press **OK**.



Step 2: Play the Recording

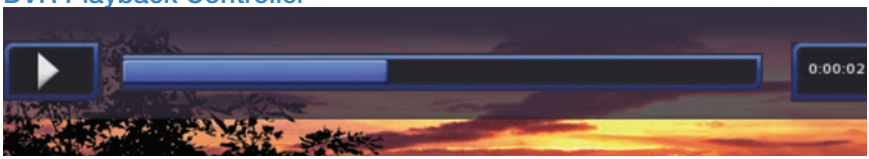
Highlight **Play Recording** and press **OK**.

Step 3: Watch the Recording

You will exit to your recording as it begins playing. The Infobar will appear for a few seconds with a green icon to the right to indicate you are playing a recording.

While watching your recording, you can use any of the **Playback Control Keys** on your remote just as you would if watching a videotape or DVD.

DVR Playback Controller



Any time you press one of the **Playback Control Keys** while watching a previously recorded program, the DVR playback controller is displayed.

The box to the left indicates the playback function in use.

The bar in the middle gives a visual representation of where you are in the recording. The lighter section indicates how much of the recording has been played.

Step 4: Return To Live TV

When the recording ends, you will be prompted to keep or delete the recording and then returned to live TV.

If you want to return to live TV before your recording has ended, press **STOP (■)**. See **Playback Controls** on your remote.

Recordings: Sorting Recordings

Highlight **Recordings** and press **OK** to bring up your recording list. The first listing will be highlighted. You can sort your recordings alphabetically by title, by the date recorded, by channel that originally aired the program, or by whether you have or have not viewed the recording.

To sort your recordings by any of those categories, press the **Left Arrow Key** to shift the highlight to the left. Highlight the category you want to use to sort and press **OK**.

For example, if you highlight **Date** and press **OK**, your recordings will be sorted by the date recorded with oldest at the top and newest at the bottom.

You can reverse the sort order for any category by pressing **OK** again on that category. Using the above example, pressing **OK** again on **Date** would put your newest recordings at the top and oldest at the bottom.

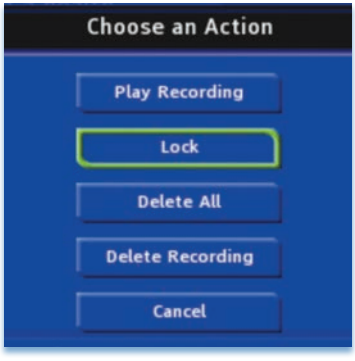
Recordings: Locking or Unlocking a Recording

Locking a recording prevents the system from deleting a program to make space for new recordings.

Note: You can still manually delete a locked recording. Locking only prevents the system from automatically deleting it.

Step 1: Pick a Recording

Highlight the recording you want to lock and press **OK**.



Step 2a: Lock the Recording
Highlight **Lock** and press **OK**.

Once a program is locked, a 🔒 appears on the recording's listing.

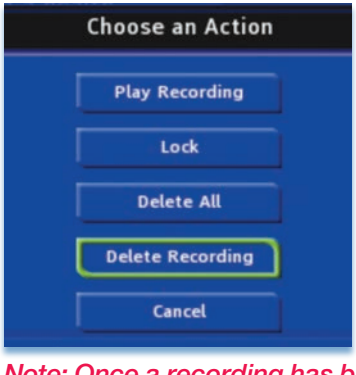
Step 2b: Unlock the Recording
If you select a locked program in Step 1, the Lock option will instead be Unlock.

Highlight **Unlock** and press **OK**.

When the program is unlocked, the padlock icon is removed.

Recordings: Deleting a Recording

Step 1: Pick a Recording
Highlight the recording you want to delete and press **OK**.



Step 2: Delete the Recording
Highlight **Delete Recording** and press **OK**.

Step 3: Confirm Delete
Highlight **Yes** and press **OK** to confirm, or **No** if you change your mind.

Step 4: Recording Deleted
Once you confirm the deletion, the entry for that recording is removed from the list.

Note: Once a recording has been deleted, there is no way to get it back.

Recordings: Stopping a Program Currently Recording

Step 1: Pick a Recording
Highlight the recording event you want to stop and press **OK**.

Step 2: Stop the Recording
Highlight **Stop Recording** and press **OK**.

To Record

You can easily review and cancel programs to be recorded. Highlight **To Record** and press **OK**.

To Record: Sort Future Recordings

A list of your scheduled future recordings will appear to the right.

The list of programs to be recorded can be sorted by title, date to be recorded, channel airing the program to be recorded, or recordings to be skipped or not.

For more information on sorting items in this list, see Sort Recordings earlier in this section.

To Record: Canceling a Future Scheduled Recording

Step 1: Pick a Future Scheduled Recording

Highlight the recording event you want to cancel and press **OK**.

Step 2: Cancel the Recording Event

Highlight **Cancel Recording** and press **OK**.

Step 3: Recording Canceled

Once you have canceled the recording event, the entry for that recording event is removed from the list.

Schedule Priority

When you create series recordings for different programs that may be scheduled for the same time, Schedule Priority allows you to pre-determine which program you want to be recorded instead of another. To go to Schedule Priority, highlight **Schedule Priority** and press **OK**.

Schedule Priority: Changing Schedule Priority

Schedule Priority lists all series recordings with the highest priority listed first.

This program will always be recorded in preference to any other series recording.

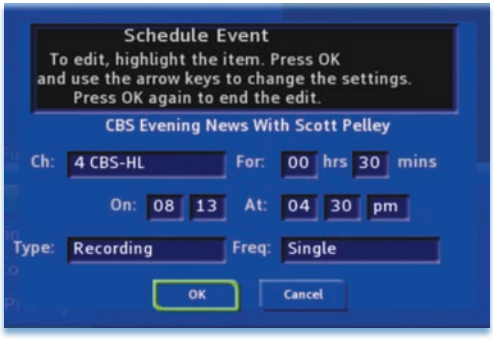
To adjust the priority for a series, highlight the program you want to change and press **OK**.

You can **Move Up** or **Move Down** the program in priority. Highlight the option you want and press **OK**. If necessary, repeat this procedure until each series is in the order of priority you want.

Schedule Event

Highlight **Schedule Event** and press **OK**. Setting a Schedule Event is covered in **7 Recordings**. Editing instructions are covered here.

Schedule Event: Editing a Scheduled Event



You can edit the channel number, date, time, and type of timer and frequency of the event.

Highlight the setting you want to change by **Arrowing** to the item and press **OK**. Use the **Right and Left Arrow Keys** to change the settings and press **OK** on the remote to end the edit.

When all screens are completed, press **OK** on the screen to enter your information.

Record History

Record History is a log of all events related to your recordings such as recording started, recording completed or recording canceled. Scroll down the **DVR** listings and highlight **Record History** and press **OK**.

Record History: Reviewing Record History

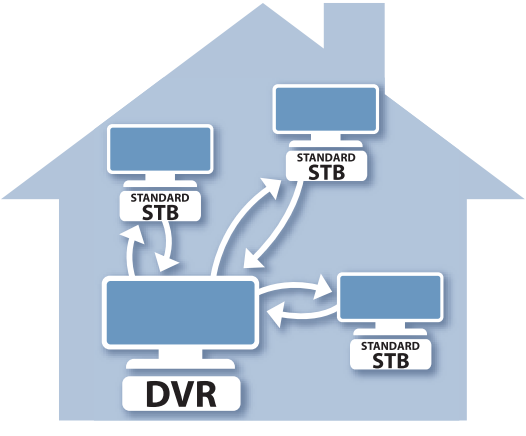
Press the **Up and Down Arrow Keys** on the remote to scroll through your record history.

When you **Arrow** to a Recording that is labeled **Record Stop** and push **OK** on your remote, the date and start time of the recording appears above. The same process works for **Record Start**.

Whole Home DVR

As the name suggests, with Whole Home DVR all set top boxes in the household can record programs and view live or pre-recorded shows from any room in the house. You can also stop a recorded program in one room and continue watching it in another.

Set a Recording



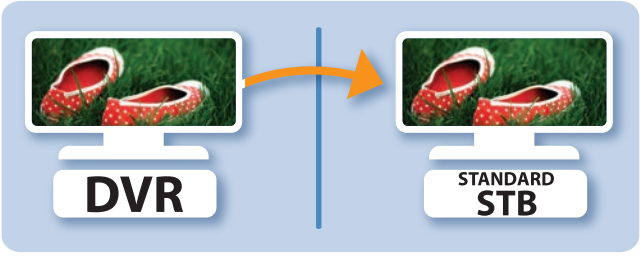
You can set a recording from all set top boxes in the household, not just the DVR. Of course, you need one DVR in the household because it actually does the recording functions for all the non-DVR set top boxes. (See **6 Guide - Alerts & Recording** and **7 Recording** for more details about recording.)

Note: You cannot control Pause Live TV from a non-DVR set top box.

Non-DVR Set Top Box Recordings List

To view the list of Whole Home DVR recordings go to the Menubar, select the **DVR** icon and press **OK** on your remote. **Recordings** appears as the first listing under **DVR**. Select it and press **OK** to bring up the list. When viewing the list of Whole Home DVR recordings on a non-DVR set top box, the Whole Home icon will appear next to the program's name. All set top boxes (including the DVR) will have access to the recording.

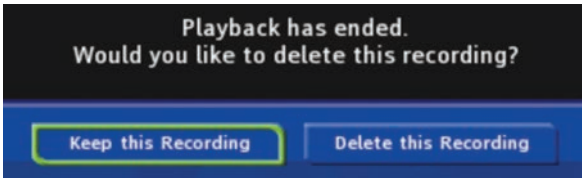
Watching from Room to Room

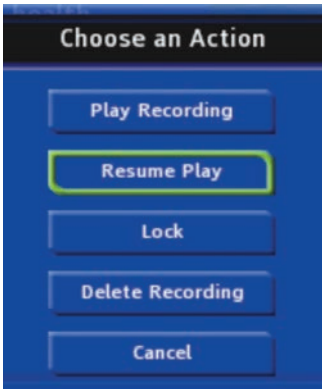


If you start watching a recorded program in one room (family), and wish to move to another room (bedroom) you can view the recording there.

Step 1: Stop the recording playing in the family room by pushing the **Stop (■)** key on your remote. (See the **Playback Controls** on your remote).

A screen will appear giving you a choice to either **Keep this Recording** (highlighted) or **Delete this Recording**. Click **OK** on the highlighted **Keep this Recording**. You will then be returned to the **DVR** screen and the video will now be available in other rooms.





Step 2: Go to the bedroom's TV, turn it on, bring up the Menubar and scroll to **DVR**. The first heading under **DVR** is **Recordings**.

Arrow over to the recording you had been watching, and push **OK**. A screen will appear giving you the choices of **Play Recording**, **Resume Play**, **Lock**, **Delete Recording**, and **Cancel**.

Scroll to **Resume Play** and press **OK** on the remote to resume watching the video.

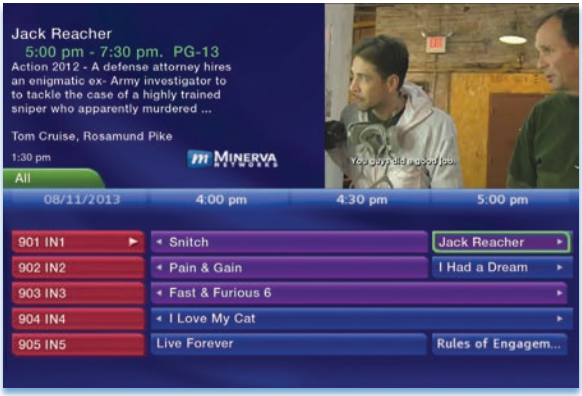
Introducing Pay Per View (PPV)

Pay Per View allows you to watch exclusive content in the comfort and privacy of your home. Forget long lines, big crowds, expensive concessions and seats in the “nose bleed” section.

Go To Pay Per View

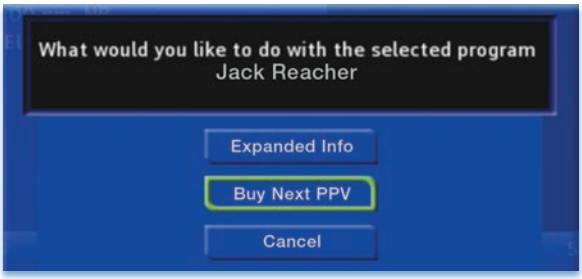
Using the **Arrow Keys** on your remote, scroll the menubar to **PPV**, then press **OK**. The PPV list will appear on the Guide menu.

Buying Pay Per View



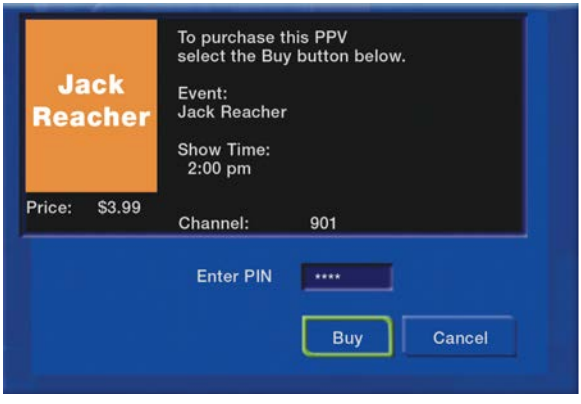
Step 1: Pick the Program

Highlight the Pay Per View program you want to buy in the Guide and press **OK**.



Step 2: Buy PPV

Highlight **Buy PPV** and press **OK**.



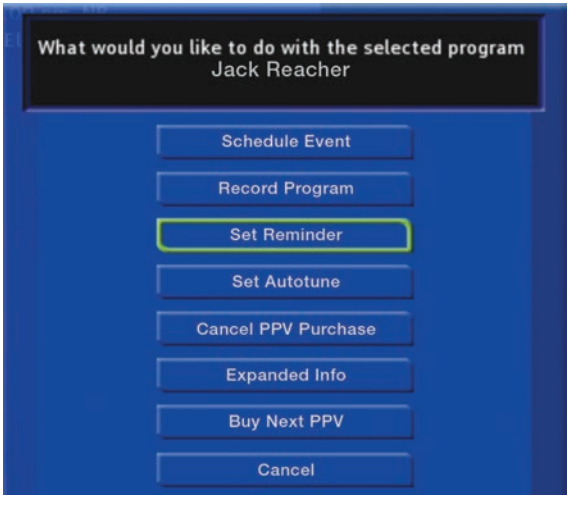
Step 3: Confirm Your Purchase

Highlight the box next to **Enter PIN** and enter your Pay Per View PIN using the **Number Pad (0-9)**. For more information on PINs, see section **11 Settings**.

Finally, highlight the **Buy** button and press **OK**.

Step 4: Watch Your Pay Per View

You can now watch your Pay Per View Event at the scheduled show time on that channel.



If you purchased your Pay Per View program in advance, a list of options will appear. You can schedule an Autotune or Reminder so that you don't miss it.

Your event will also be listed in **My Library**, which is accessed through the menubar.

For more information on setting Reminders and Autotunes, see **Setting a Reminder, Autotune or Recording** earlier in **6 Guide - Alerts & Recordings**.

10 My Library

Introducing My Library

My Library stores all purchased programming, a list of your scheduled Reminder and Autotune events, messages about your service, and a log of your Caller ID.

The My Library Menu

PPV Events allows you to view previously purchased Pay Per View movies.

Reminders lists all Reminder and Autotune events you have created. From here, you can cancel a Reminder or Autotune.

Messages allows you to view any messages about your service. Messages may inform you of promotional offers, upcoming Video on Demand events, service upgrades or billing alerts.

Caller ID offers access to a log of all calls you have received through Caller ID. You can review Caller ID entries and delete individual entries.

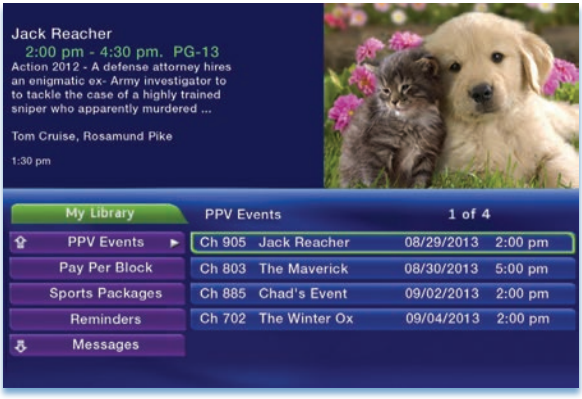
Go To My Library

Press **MENU** on your remote control, highlight **My Library** and press **OK**.

Introducing PPV Events

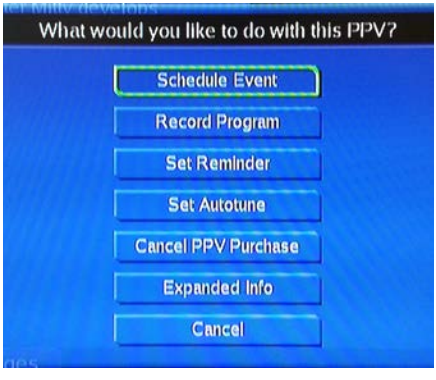
Pay Per View (PPV) times can range from one showing, to 24 hours, to several days. PPV Events allows you to view a previously purchased program. Highlight **PPV Events** and press **OK**.

Go To PPV



Step 1: Choose Your PPV Video

Arrow down to your topic and press **OK**. All purchased Pay Per View programs are listed to the right. Highlight the event you want to watch and press **OK** for information and viewing options.



Step 2: Choose a PPV Option

Scroll to your choice of action and press **OK**. See chapter **7 Recording** and chapter **8 DVR** for more details on **Schedule Event**. See chapter **6 Guide - Alerts & Recording** for more details on **Record Program**, **Set Reminder**, and **Set Autotune**.

Introducing Reminders

Reminders lists all Reminder and Autotune events you have created. From here you can cancel a Reminder or Autotune.

Go To Reminders

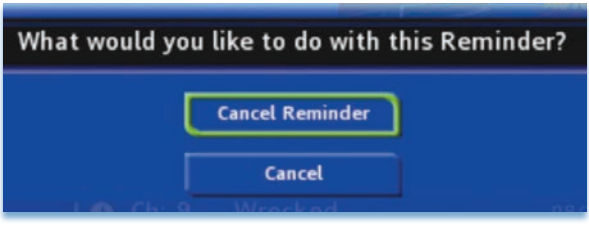
Highlight **Reminders** and press **OK**.

A list of your Reminders and Autotunes appears to the right.

Cancel a Reminder or Autotune

Step 1: Pick the Program

Highlight the Reminder or Autotune you want to cancel and press **OK**.

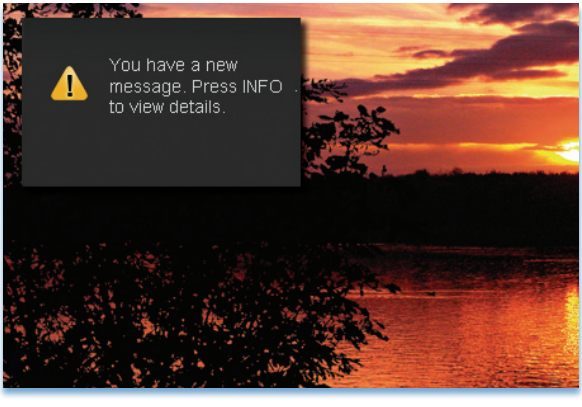


Step 2: Cancel the Autotune or Reminder

Highlight **Cancel Autotune** or **Cancel Reminder** depending on the type of event you are canceling and press **OK**.

Introducing Messages

Messages may inform you of promotional offers, upcoming Video on Demand events, service upgrades or billing alerts.



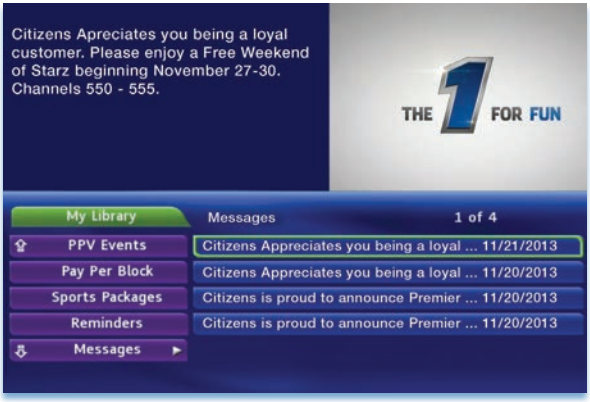
Whenever you receive a new message an alert will appear on your screen. Press **INFO** on your remote to display the message, or press **EXIT** to ignore the alert and view the message later.

Go To Messages

Highlight **Messages** and press **OK**.

A list of all available messages appears to the right.

Reading a Message



Highlight the message listing you want to read. The full message will be displayed in the Info Area in the upper left-hand corner of your screen.

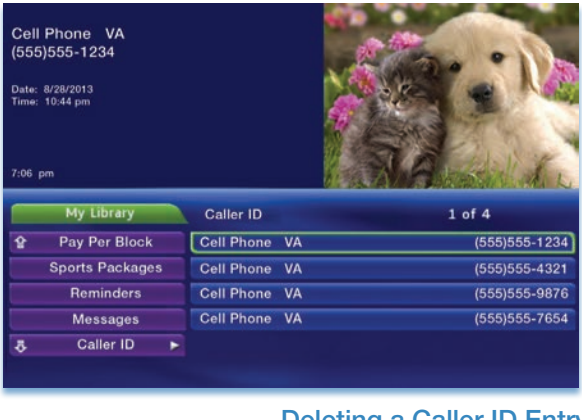
Introducing Caller ID

Caller ID offers access to the Caller ID call log. You can review log entries and delete individual entries.

Note: You must subscribe to Caller ID to access this feature. Additionally, only certain set top boxes support on-screen Caller ID. Please contact customer service for more information.

Whenever you receive a call, an alert will appear in the upper corner of your screen. This alert will be removed after a few seconds.

Go To Caller ID



Highlight **Caller ID** and press **OK**.

A list of received calls appears to the right.

Highlighting a Caller ID log entry will display the name and number of the caller, and the date and time of the call.

Deleting a Caller ID Entry

Highlight the Caller ID listing you want to delete and press **OK**. Highlight **Delete** and press **OK** to remove the entry, or **Cancel** if you want to keep it.

11 Settings

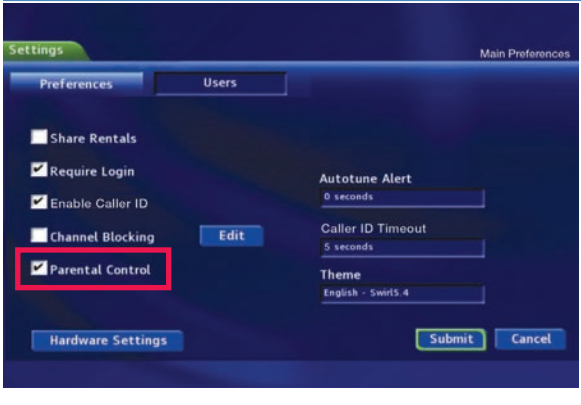
Introducing Settings

Settings gives you control over your video service. You can choose to share purchased programs, change how alerts appear on your screen, create parental controls and block programs by channel or ratings. You can also create accounts for members of your family.

Go To Settings

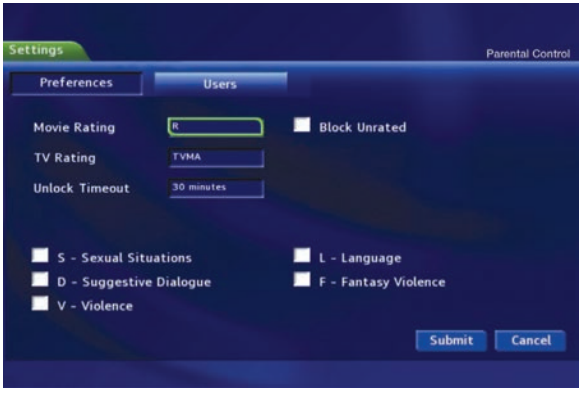
Press **MENU** and highlight **Settings**. Then enter your password, highlight **OK** and press **OK**. There are two main sections of **Settings**: **Preferences** and **Users**. Both are used for setting up parental controls.

Activating Parental Control



Arrow to **Parental Control** under **Main Preferences** and press **OK** to check the box. **Arrow** to **Submit** and press **OK**. You will be returned to live TV. Navigate back to **Settings** and enter your account password.

Selecting Parental Control Settings



Arrow Down to **Users** and press **OK**. **Arrow Right** and highlight **Parental Control** and press **OK**.

A new screen appears listing the **Parental Control** topics.

Arrow Up and **Down** to check the controls you want to set for your household.

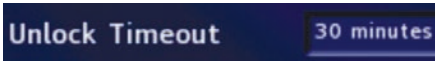
Both **Movie** and **TV Ratings** should be set. Setting one will not block the

other's content. For more information about **Movie** and **TV Ratings**, see the ratings definitions in the appendix of this guide.

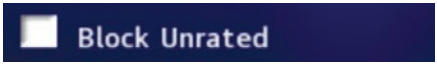
Movie and TV ratings determine the lowest rating for programs that will be blocked. The selected rating and all levels above that rating will be blocked.

Unlock Timeout (Only Available on Master Account)

Unlock Timeout determines how long parental controls will remain disabled.



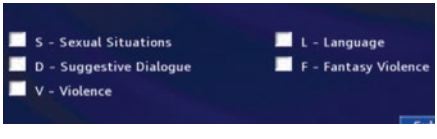
To set Unlock Timeout, highlight the option box next to **Unlock Timeout** and press **OK**. Use the **Right/Left Arrow Keys** to select the amount of time wanted, then press **OK**.



Block Unrated (Only Available on Master Account)

Block Unrated allows or blocks any program that does not have a rating.

To turn Block Unrated on or off, highlight the check box and press **OK**.

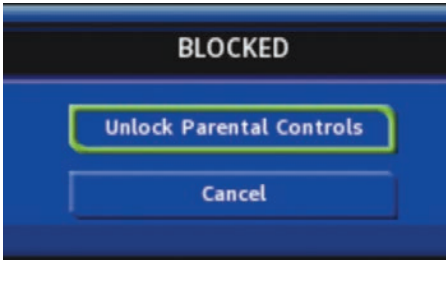


Content Rating

To block a particular type of content, highlight the check box to the left of that item and press **OK**.

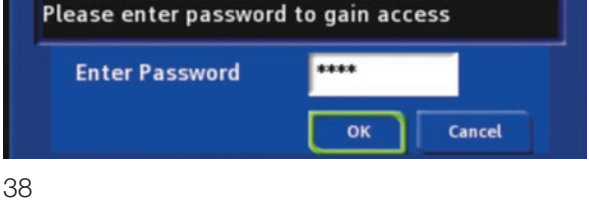
Turning Parental Controls On and Off

Once you have finished your selections, **Arrow Down** to **Submit** and press **OK**. Parental Controls will now be turned on. To turn off Parental Controls, go to the on-screen Guide and select the **Restricted** program that is replacing the program's title. Highlight, and press **OK** on your remote.



A dialog box pops up that says **Unlock Parental Controls** and **Cancel**.

If you choose unlock, then you're prompted for your password and parental controls are unlocked for the duration specified by the **Unlock Timeout** feature.



You set the amount of time you want for the **Unlock Timeout** to be in effect under the **Parental Controls** settings as explained earlier in this section. To turn Parental Controls off indefinitely, uncheck the check box marked **Parental Controls** in **Settings Preferences**.

Working With Additional Preferences

Share Rentals

Available in the future.

Require Login

Require Login determines if a user name and password must be entered before being able to use your TV service.

To turn Require Login on or off, highlight the check box and press **OK**. This ensures that the additional users or sub accounts must log in to watch programs.

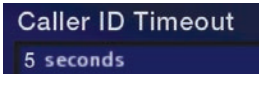
Enable Caller ID

Enable Caller ID turns on or off screen alerts for incoming Caller ID.

To turn Enable Caller ID on or off, highlight the check box and press **OK**.

Caller ID Timeout

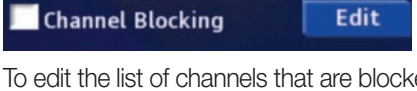
Caller ID Timeout determines how long Caller ID notifications remain on the screen.



To set Caller ID Timeout, highlight the option box to the right of **Caller ID Timeout** and press **OK**. Then press the **Right or Left Arrow Key** to rotate to the amount of time you want the alert displayed, then press **OK**.

Channel Blocking

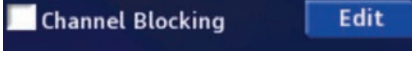
Channel Blocking enables or disables the list of channels you have blocked. Blocked channels do not appear on the on-screen Guide.



To turn Channel Blocking on or off, highlight the check box and press **OK**.

To edit the list of channels that are blocked, highlight the **Edit** button and press **OK**.

Channel Blocking Edit displays a list of all channels available. You can then block or unblock any channel. Blocked channels WILL NOT APPEAR in channel lineup. This can be a Parental Control feature or a stand-alone.



To block channels, highlight the **Channel Blocking Edit** button and press **OK**.

If no changes have been made on the **Preferences** screen, you will go directly to the list of all available channels. If any changes *have* been made to the main **Preferences** screen and you have not already updated them, a **Save Changes** box will appear. Highlight **YES** and press **OK** if you wish to save these changes. The **Settings Successfully Updated** notice will then appear. Highlight **OK**, and press the **OK** key.

The **Channel Blocking** list will appear.

To block/unblock a channel, highlight the channel entry and press **OK**.

To go to the next screen of channels, press the **Up or Down Arrow Key**. When complete, **Arrow** to update and press **OK**.

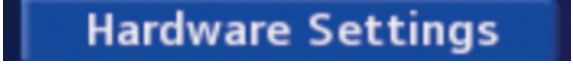
Autotune Alert

Autotune Alert determines how early an Autotune will be shown once you set an Autotune.

To set Autotune Alert, highlight the option box to the right of **Autotune Alert** and press **OK**. Then press the **Right or Left Arrow Key** to display **0 seconds, 30 seconds, 2 minutes** or **5 minutes**, then press **OK**.

0 seconds will display your Autotune at the exact time the program begins. Any of the other settings will trigger the Autotune that many seconds or minutes before the program begins.

Hardware Settings



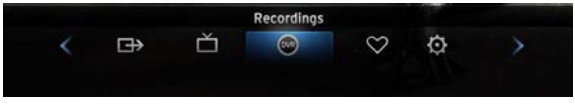
For service provider only.

Theme

Theme allows you to change the color and style of menu, guide and system screens using pre-set styles. These different pre-set styles are called skins. To get to **Theme**, highlight and select the **Settings** icon on the main menu bar, then scroll over to **Theme**. There are several choices in the drop down menu for **Theme**. Here are some examples of the different Guide and Menu screens.

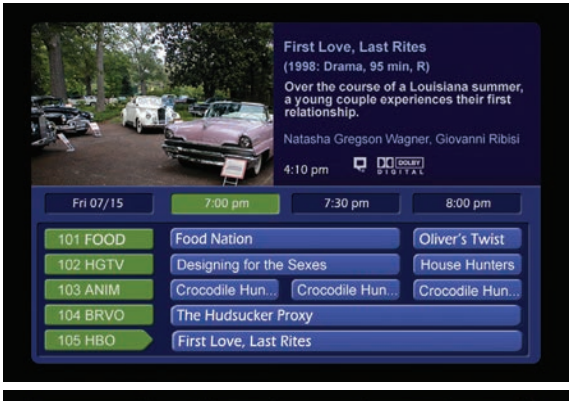
Blue Shadow

Guide

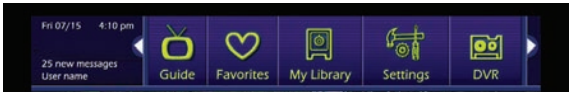


Menu

Default4.1

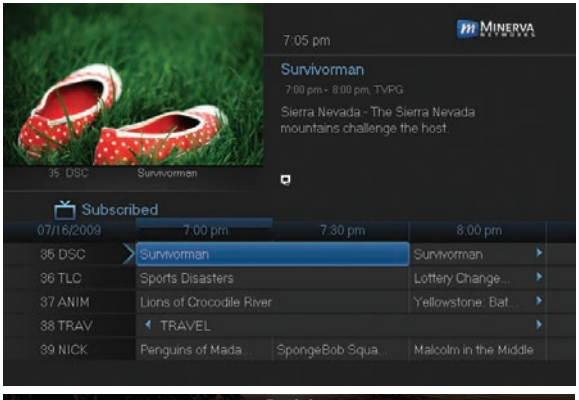


Guide

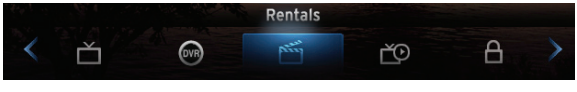


Menu

NuBlu



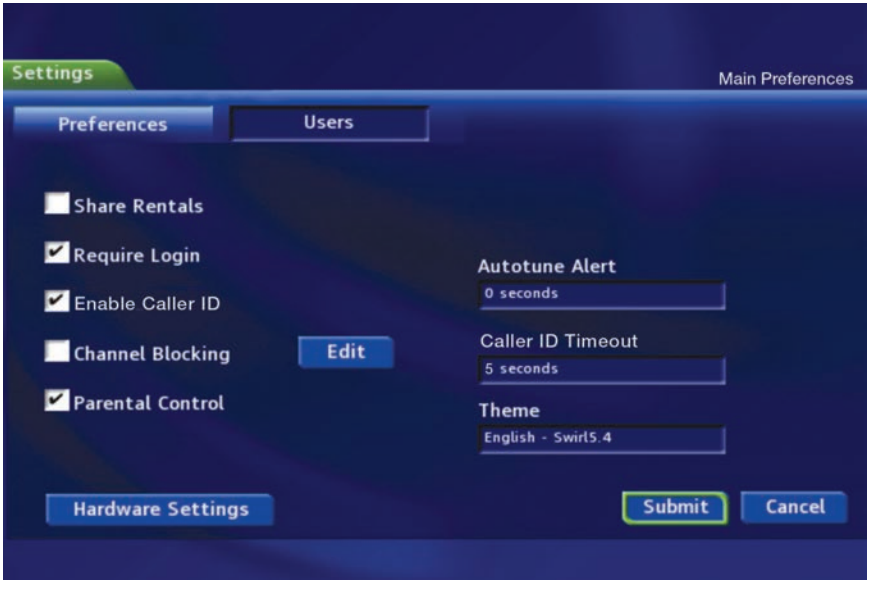
Guide



Menu

How To Change Your Theme

Step 1: Press **Menu** on your remote. Use your **Arrow Keys** to scroll to the **Settings** icon. You will have to enter a password to enter **Settings**. **Preference** under **Settings** will be highlighted. Navigate to the bar space under **Theme** and press **OK** on the remote.

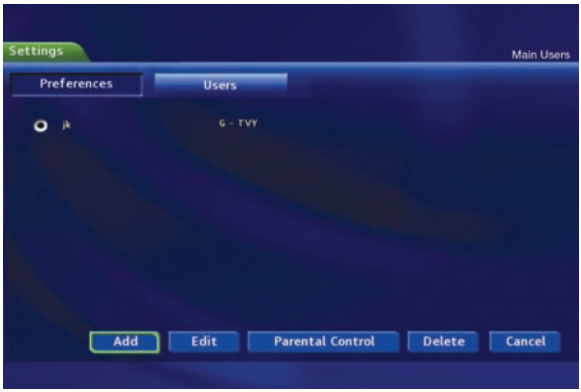


Step 2: The **Theme** box will show right and left arrows. Use your right and left **Arrow Keys** on your remote to scroll through your Theme choices, then push **OK** on your remote to make a selection.

Step 3: Scroll down to **Submit** and press **OK**. A message will appear saying that your settings were successfully updated. Press **OK**. Another message will state that a resource change has been detected which requires a reboot. Press **OK**. Your television system will go through the transition. Your TV screen will be black with an active daisy wheel indicating changes are occurring. It will take several minutes before your television comes back up. Be patient, it will return with your new Theme choice.

Step 4: If you want to change back to the original skin, use the same process.

Working With Settings/Users



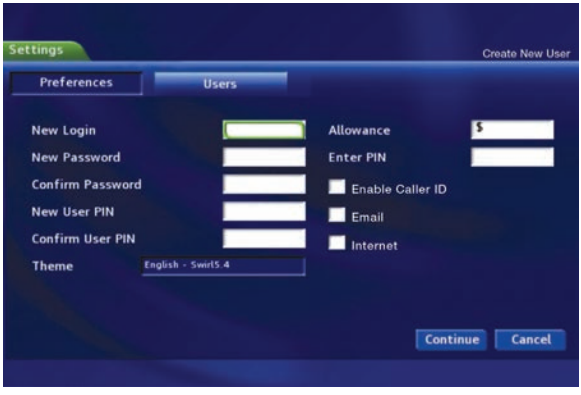
User accounts allows you to have separate parental controls, purchase limits and themes for different family members.

Users/Settings allows you to add a user account, edit an existing user account, change parental controls for a user account, or delete a user account.

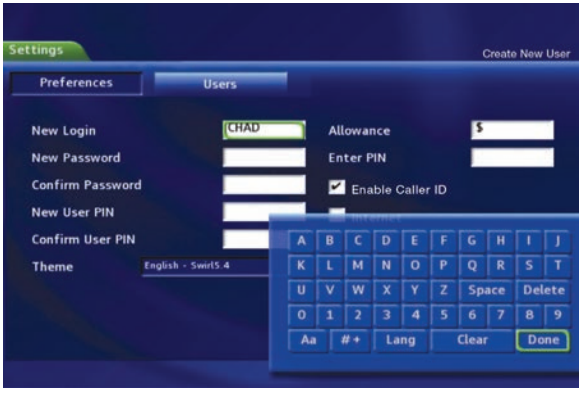
Note: The master account is the first account listed and is shown in yellow rather than white. You cannot delete the master account and cannot change the login name for the master account.

Adding a User Account

To create a new user account, highlight the **Add** button and press **OK**.



Highlight **New Login** to enter the name for the new account and press **OK**. An on-screen keyboard appears.



Use the **Arrow Keys** to highlight a letter or number and press **OK** to add it to the login name.

Once you have entered the desired name, highlight **Done** and press **OK** to return to the Create New User screen.

Highlight **New Password** to enter the password for the new account. Use the **Number Pad** on your remote to enter the password.

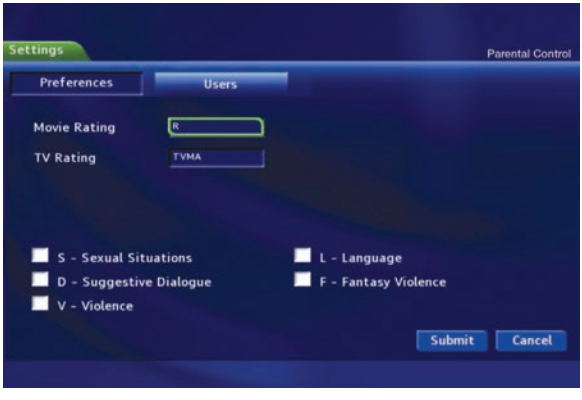
Highlight **Confirm Password** to re-enter the password for the new account. Use the **Number Pad** on your remote to re-enter the password.

Highlight **Allowance $** to enter a limit to the amount of programs that can be purchased per month for the new account. Use the **Number Pad** on your remote to enter a whole dollar amount (e.g. 200 to limit the account to $200.00).

Highlight the **Enable Caller ID** check box and press **OK** to enable or disable Caller ID alerts to appear on the screen for this user account.

Highlight **Enter PIN** to enter the master account's PIN as a further way of verifying the master account holder is creating this account. Use the **Number Pad** on your remote to enter the PIN.

Now highlight **Continue** and press **OK** to go to the next Add User Account screen.

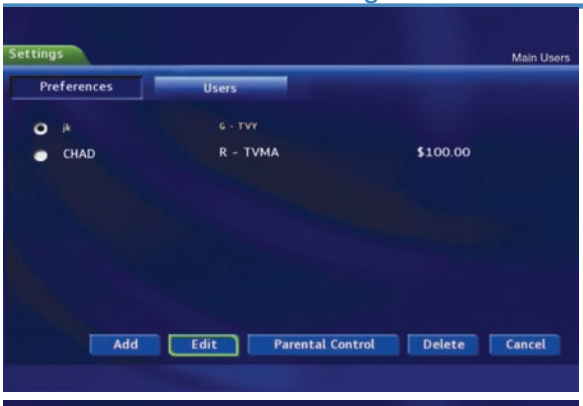


The second Add User Account screen allows you to create parental controls specific to this user.

These parental control settings are identical to the settings shown earlier with the exception that there is no Unlock Timeout or Block Unrated setting.

Once you have entered the settings for the new account, highlight **Submit** and press **OK**.

Editing a User Account



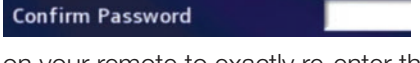
To edit a user account, highlight the user account and press **OK**, then highlight the **Edit** button and press **OK**.

Note: The master account is the first account listed and is shown in yellow rather than white.

Using the **Number Pad** on your remote, enter the current password for this account.

Highlight **New Login** and press **OK** on your remote if you wish to change your login name. An on-screen keypad will appear to complete the entry.

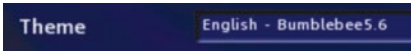
Now highlight **New Password** to change the password. Use the **Number Pad** on your remote to enter a numeric password.



Highlight **Confirm Password** to re-enter the password. Use the **Number Pad** on your remote to exactly re-enter the password.

Highlight **New User PIN** and enter a new PIN for this account.

Highlight **Confirm User PIN** to re-enter the new PIN.



Theme allows you to change the appearance of your on-screen guide menus.

Highlight **Allowance** and enter the user's desired allowance for purchase programming.

Highlight **Enter PIN** and enter the account's existing PIN.

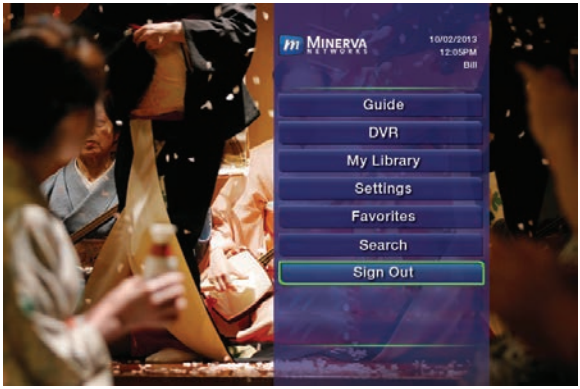
Highlight **Enable Caller ID** and press **OK** if the user wishes to view incoming calls. **Email** and **Internet** are not currently offered.

Once you have made all changes to this account, highlight **Submit** and press **OK**.

Sign Out / Sign In

This function is typically only used if there are more than one user account, usually when a parent adds a child as a new user. The parent's account (master account) controls the child's account (sub account).

Go To Sign Out / Sign In



Press the **MENU** key on the remote. Scroll the menubar to the **Sign Out** icon and click **OK**.

You will then be signed out of your account, and the **Sign In** screen will appear. Highlight the **Name** entry box and press **OK**.

Use the **Up/Down Arrows Keys** to select the name for the desired account. Then highlight the **Password** entry box and enter the password used for the desired account, highlight **Sign In** and press **OK**.

When a new user signs in, parental controls and other set restrictions for that account will be imposed.

13 Favorites

Introducing Favorites

Save time and enjoy the channels you watch the most. Each Favorites list contains just the TV channels you wish to view. You can create multiple Favorites lists and quickly change the on-screen Guide to show them.

Go To Favorites

Press **MENU** and highlight **Favorites**, then press **OK**.

A screen will appear with options to choose, edit, create or delete a list, or cancel.

Choosing a Favorites List

There are two ways to choose a Favorites list:

Option 1: Favorites From the Menubar

Follow the steps above in "Go To Favorites," then highlight **Choose** and press **OK**. Then highlight the Favorites list you want and press **OK**.

Option 2: Favorites From the On-Screen Guide

While in the Guide, you can cycle through your Favorites lists by pressing the **GUIDE** key repeatedly. Each press will activate the next Favorites list. Cycling to **All** will display all available programming.

The name of the active Favorites list is shown below the picture-in-picture area. This causes the on-screen Guide to only display the channels included on that Favorites list.

Pressing **GUIDE** once you have cycled through all Favorites lists will exit the Guide.

Creating or Editing a Favorites List

Step 1: Create or Edit

Follow the steps in “Go To Favorites,” highlight **Create** or **Edit**, and press **OK** to bring up the **Favorites** create/edit screen. This screen displays every channel offered.

Step 2: Name Your Favorites List

The **Name:** box is already highlighted. Press **OK** to use the on-screen keyboard to change the name for your Favorites list.

First, highlight **Clear All** and press **OK** to clear the default name.

Highlight each letter in the new name and press **OK**. Once you have entered the name, highlight **Done** and press **OK**.

Step 3: Choose Your Favorite Channels

Arrow Up and **Down** and select the channels to add or remove from your Favorites list and press **OK**. A channel included in the Favorites list shows a heart icon ♡ to the right of the channel info.

To save your Favorites list, **Arrow Right** and highlight **Update** and press **OK**.

To cancel your Favorite list without saving it, highlight the **Cancel** button at the bottom right of your screen and press **OK**.

Delete a Favorites List

Step 1: Select Delete

Follow the steps in “Go To Favorites,” then highlight **Delete** and press **OK**.

Step 2: Select the Favorites List to Delete

Highlight the Favorites list you want to delete and press **OK**. A box will appear asking you to confirm that you want to delete the selected Favorites list. Highlight **Yes** to delete or **No** to cancel, and press **OK**.

Introducing Search

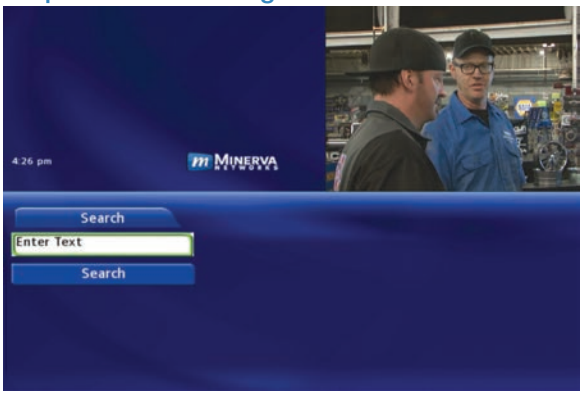
Search allows you to enter the name or partial name of a program or video and find any program matching the text you entered.

Go To Search

Press **MENU** and highlight **Search**, then press **OK**.

Search for a Program

Step 1: Enter the Program Title



When the Search screen appears, the highlight will be on the **Search** text box

Press **OK** and a keyboard will appear to the right of the screen.

Usually the first three or four letters in the name will be enough to find your program.

Use the Up/Down/Left/Right arrows to highlight the letters on the on-screen keyboard to enter your search keyword.

If you enter a wrong letter, highlight **Del** and press **OK** to go back one space.

If you need to start over, highlight **Clear All** and press **OK**.

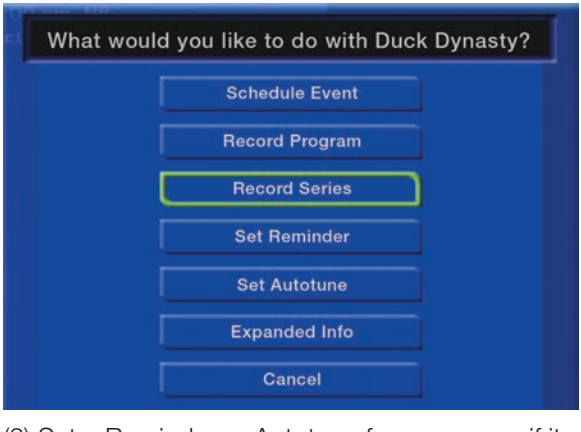
When complete, highlight **Done** and press **OK**.

Step 2: Search

Highlight **Search** and press **OK** to perform a system-wide search of all programs that match your search criteria.

The search results appear in order on the right side of the screen.

Step 3: Pick a Result



You can highlight any TV program or rental listing and press **OK** and a menu will appear, enabling you to...

(1) Schedule an Event (recording - see **8 DVR**).

(2) Watch or record a program if it's on now.

(3) Set a Reminder or Autotune for a program if it comes on later (see **6 Guide - Alerts & Recording** and **7 Recording**).

(4) View Expanded Info.

(5) **Cancel** from this menu.

Note: You cannot set a Reminder, Autotune or Recording for Video on Demand rentals. The only options that come up when you search for a VoD is Rent, Expand Info, and Cancel.

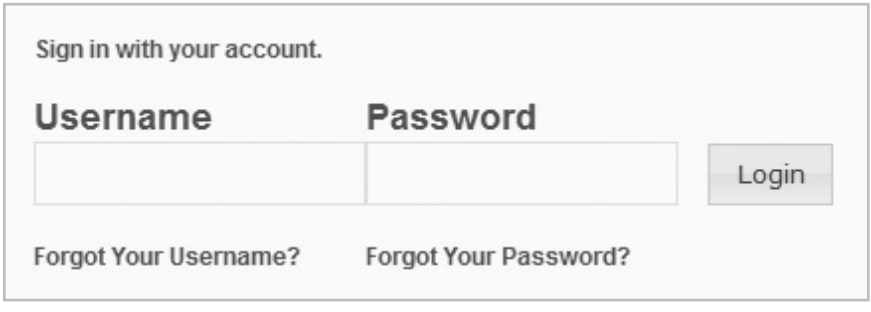
15 Remote Scheduling

Introducing Remote Scheduling

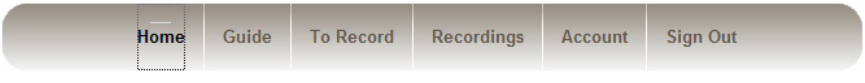
Remote scheduling allows you to schedule new recordings and manage existing ones through any web browser while away from your home.

Accessing Remote Scheduling on the Web

First, enter this website URL **http://remote.dccn.net/iTVSchedule/** to pull up the sign in screen. Next, sign into your account - Type in your **Username** and **Password** and then click on **Login**.



After logging in, you'll see the tabs: **Home**, **Guide**, **To Record**, **Recording**, **Account** and **Sign Out**- used to schedule and manage recordings or account settings.

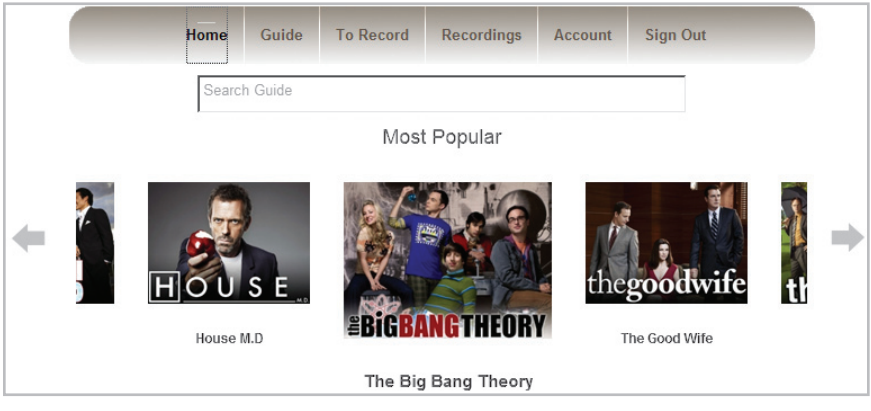


Home	A row of popular programs are displayed. Clicking on a program photo will display a list of upcoming episodes which you can choose to record.
Guide	Displays guide information from which you can select a program to record
To Record	Displays the list of programs to be recorded
Recordings	Displays the list of DVR recordings stored on your STB
Account	Change your username, password, email address, or re-name your DVR STBs
Sign Out	log out of your account session

Recording a Program

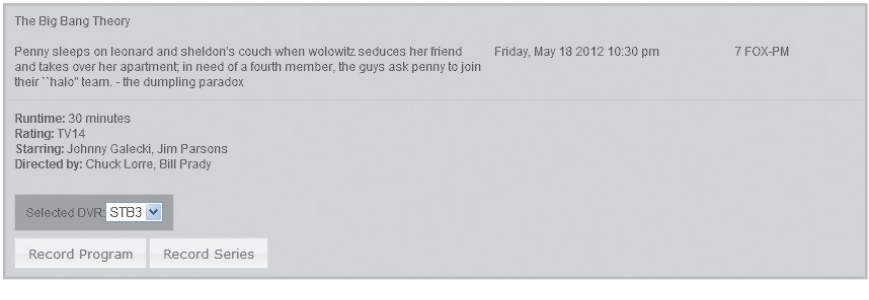
Recording can be done in **Home**, **Guide** and **Search Guide**. Each gives you a different window to the content or programs on your home television that you can record remotely.

Record Using the Home Page



The **Home** option shows a lineup of popular programs. Click the title beneath the picture to show a list of upcoming episodes which you can choose to record.

Click the program you want to record and the area will then be highlighted.



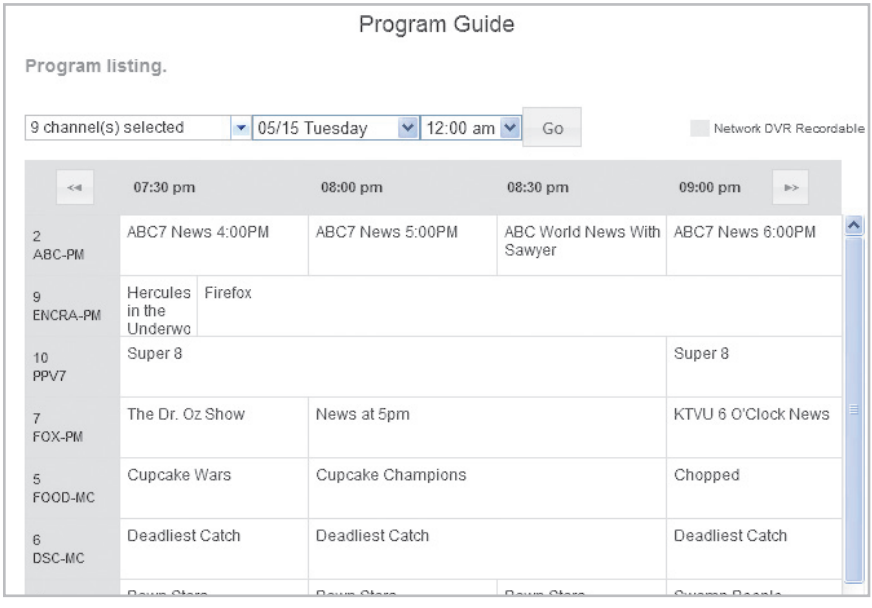
Click **Record Program** to record that specific episode or click **Record Series** to record all episodes of the program.

A message saying "**Series recording has been scheduled**" will appear. Then click on **Close**.

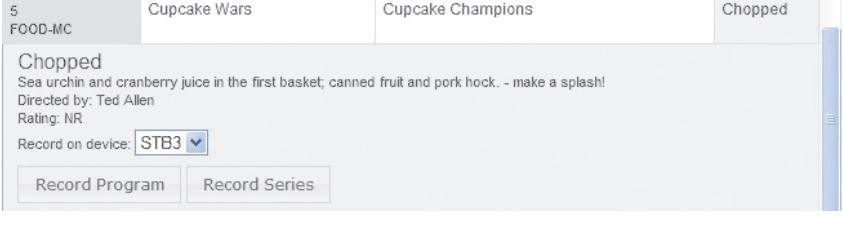
After you have scheduled this future recording, you can see it on both the **To Record** screen on the web, and when you return home, on your TV on-screen guide under the **DVR** icon.

Record Using the Guide Page

The **Guide** page displays guide information from which you can select a program to record. The same channels on your television will show on your web guide. Click on the Guide tab to view the guide listings.



Click on the program you want to record. The Program information will display, then move your cursor down to the **Record Program** and **Record Series** buttons.

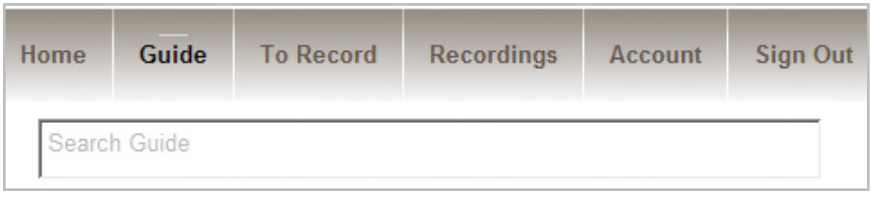


Click on the recording preference for that program and a message confirms your recording has been successfully scheduled. Again, click on **Close**.

The program will be added to your **To Record** list on the web. On your TV on-screen program guide, a single episode ( ) or a series episode ( ) - depending on your selection-will appear next to the program indicating the program will record.

Using the Search Guide Option

To search for a program to record, type in a keyword in the **Search Guide** box at the top of the web page and press enter. A list of programs with the keyword is displayed.



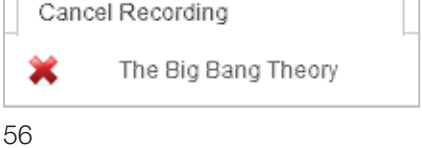
Click on a program to access the program's information. Select either the **Record Program** or **Record Series** for recording the selected program.

Your TV on-screen guide will show a single episode ( ) or series recording ( ) next to the program indicating the program will be recorded.

Managing Your Scheduled Recordings

When you click on the **To Record** tab, a list of scheduled recordings is displayed.

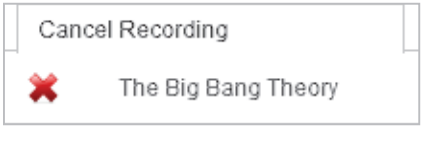
You can delete a show by clicking on the red (✖) next to the show. You can cancel a scheduled single recording or a scheduled series recording by clicking on it.



Managing Your DVR Recordings

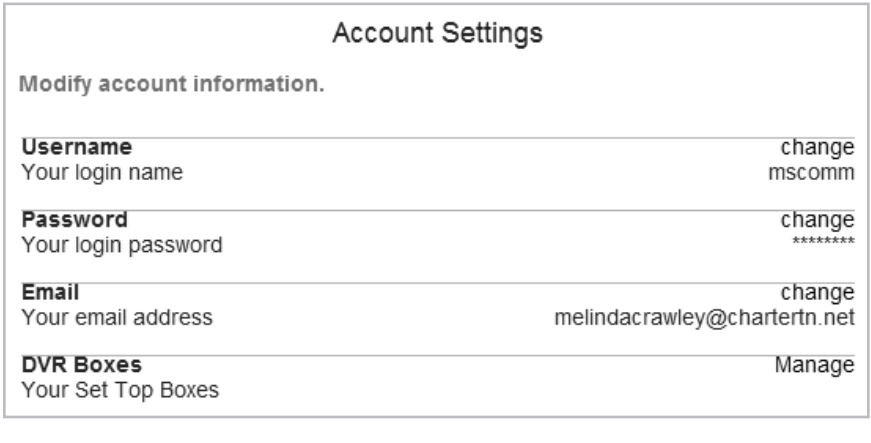
When you click on the **Recordings** tab, you'll see a list of DVR recordings stored on your DVR set top box.

Click on the (✖) next to the program you want to delete. You can either delete that specific recording or delete all recordings of that program.



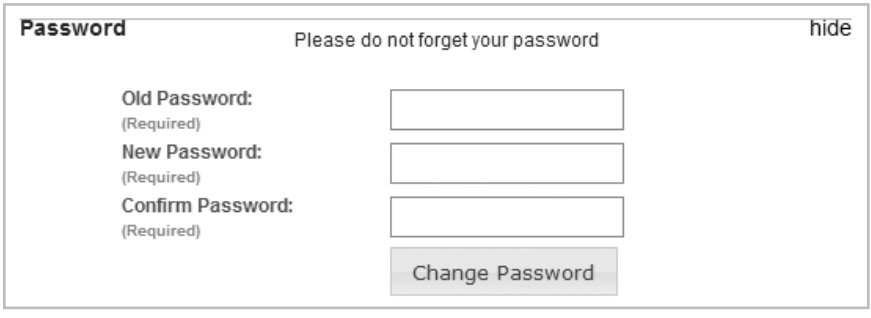
Manage your account settings

To manage your account settings, click on the **Account** tab. Here you can change your username, password, email address or rename your DVR set top boxes.



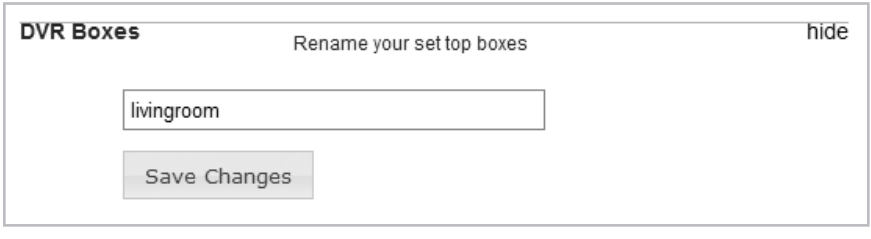
Changing Your Password

You can change your password by clicking on **Password** or by clicking on the word **change** to the right. Next type in your old password, then type the new password and then confirm the new password. When finished click **Save Changes**.



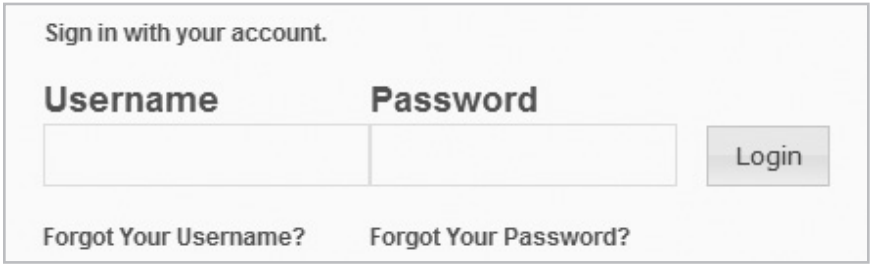
Renaming Your DVR Set Top Boxes

You can rename your STB by clicking on DVR Boxes or the word Manage to the right. Next type in what you wish to rename your STB (no spaces). You can change the set top box name by number or change the name for convenience (example — livingroom). Click **Save Changes** when complete.

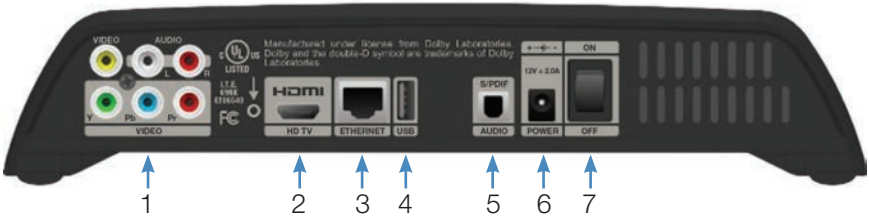


Signing Out

To sign out of your account session, click on Sign Out.



ADB 2721 HDTV

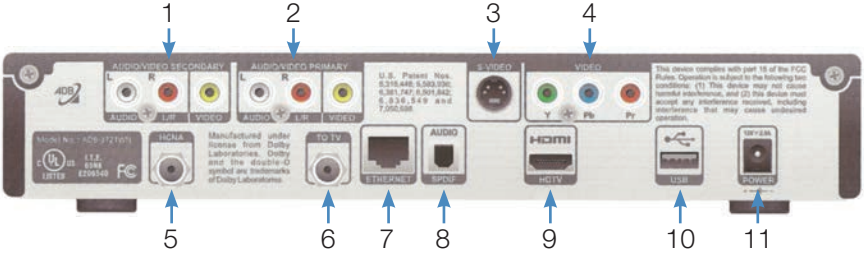


1. **Top: Video/Stereo Audio R/L** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide good quality video and stereo audio.

   Bottom: Component (HD Analog) Output (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide high definition quality video and stereo audio.

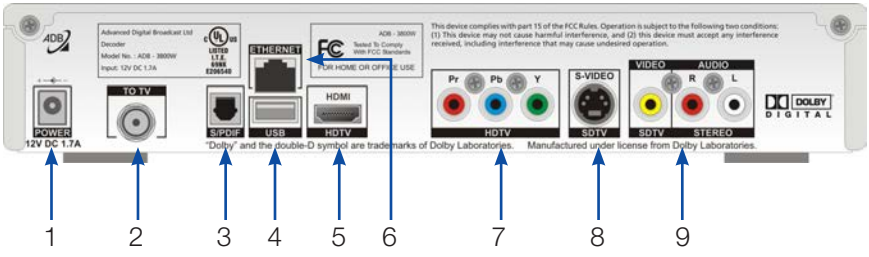
2. **HDMI** (High Definition Media Interface) Connects the set top box to your HDTV using an HDMI cable - provides audio and video.
3. **Ethernet** Connects the set top box to the video service using a CAT5 Ethernet cable.
4. **USB** (Universal Serial Bus) Connects the set top box to technician's equipment and other devices.
5. **S/PDIF** Connects the set top box to a home theater system to provide surround sound audio - provides audio only.
6. **Power Adapter** Provides power to the set top box.
7. **On / Off Switch** Turns the set top box on or off.

ADB 3721 HDTV



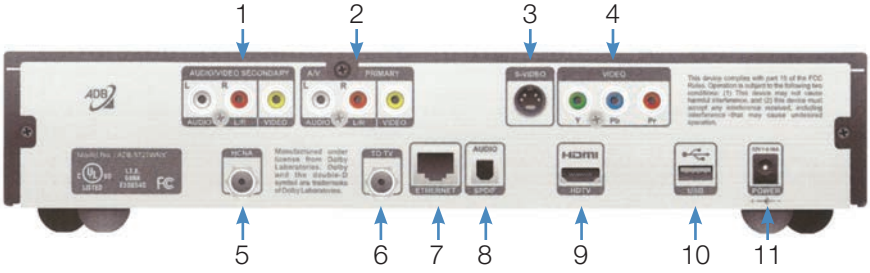
1. **Secondary Video/Stereo Audio R/L** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide good quality video and stereo audio.
2. **Primary Video/Stereo Audio R/L** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide good quality video and stereo audio.
3. **S-Video** Connects the set top box to your TV to provide high-quality video - provides video only.
4. **Component (HD Analog) Output** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide high definition quality video and stereo audio.
5. **HCNA Coax Port** Connects the set top box to a HCNA wall socket using coax wiring.
6. **RF Modulated Output to TV** Connects the set top box to your TV using a standard coax cable - provides audio and video.
7. **Ethernet** Connects the set top box to the video service using a CAT5 Ethernet cable.
8. **S/PDIF** Connects the set top box to a home theater system to provide surround sound audio - provides audio only.
9. **HDMI** (High Definition Media Interface) Connects the set top box to your HDTV using an HDMI cable - provides audio and video.
10. **USB** (Universal Serial Bus) Connects the set top box to technician's equipment and other devices.
11. **Power Adapter** Provides power to the set top box.

ADB 3800 HDTV



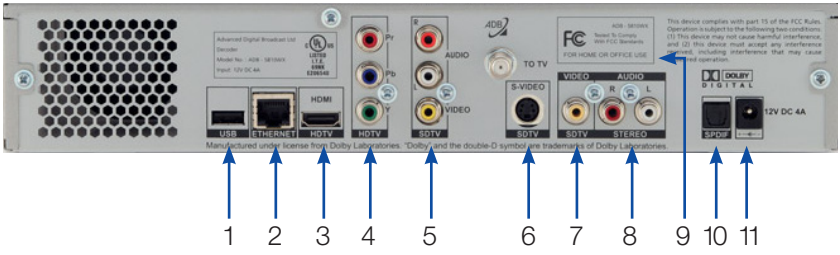
1. **Power 12V DC 1.7A** Provides power to the set top box.
2. **To TV** Connects the set top box to your TV using a standard coax cable - provides audio and video.
3. **S/PDIF** Connects the set top box to a home theater system to provide surround sound audio - provides audio only.
4. **USB** (Universal Serial Bus) Connects the set top box to technician's equipment and other devices.
5. **HDTV HDMI** (High Definition Media Interface) Connects the set top box to your HDTV using an HDMI cable - provides audio and video.
6. **Ethernet** Connects the set top box to the video service using a CAT5 Ethernet cable.
7. **HDTV Pr/Pb/Y** (Component Video) Connects the set top box to your TV to provide very high-quality video - provides video only.
8. **SDTV S-Video** Connects the set top box to your TV to provide high-quality video - provides video only.
9. **SDTV Video/Stereo Audio R/L** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide good quality video and stereo audio.

ADB 5721 DVR-HD



1. **Secondary Video/Stereo Audio R/L** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide good quality video and stereo audio.
2. **Primary Video/Stereo Audio R/L** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide good quality video and stereo audio.
3. **S-Video** Connects the set top box to your TV to provide high-quality video - provides video only.
4. **Component (HD Analog) Output** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide high definition quality video and stereo audio.
5. **HCNA Coax Port** Connects the set top box to a HCNA wall socket using coax wiring.
6. **RF Modulated Output to TV** Connects the set top box to your TV using a standard coax cable - provides audio and video.
7. **Ethernet** Connects the set top box to the video service using a CAT5 Ethernet cable.
8. **S/PDIF** Connects the set top box to a home theater system to provide surround sound audio - provides audio only.
9. **HDMI** (High Definition Media Interface) Connects the set top box to your HDTV using an HDMI cable - provides audio and video.
10. **USB** (Universal Serial Bus) Connects the set top box to technician's equipment and other devices.
11. **Power Adapter** Provides power to the set top box.

ADB 5810 DVR-HD



1. **USB** (Universal Serial Bus) Connects the set top box to technician's equipment and other devices.
2. **Ethernet** Connects the set top box to the video service using a CAT5 Ethernet cable.
3. **HDMI** (High Definition Media Interface) Connects the set top box to your HDTV using an HDMI cable - provides audio and video.
4. **Pr/Pb/Y** (Component Video) Connects the set top box to your TV to provide very high-quality video - provides video only.
5. **VCR Audio Right/Audio Left/Video** Connects the set top box to your VCR to provide good quality stereo audio and video.
6. **S-Video** Connects the set top box to your TV to provide high-quality video - provides video only.
7. **TV Video** Connects the set top box to your TV to provide good quality video.
8. **TV Audio R/L** (Audio Left/Right) Connects the set top box to your TV to provide good quality stereo audio.
9. **To TV** Connects the set top box to your TV using a standard coax cable - provides audio and video.
10. **S/PDIF** Connects the set top box to a home theater system to provide surround sound audio - provides audio only.
11. **12V DC 4A** Provides power to the set top box.

You can also use the front panel keys of the ADB 5810 set top box to replace the basic remote control functions. Use **MENU** to display the Main Menu, **EPG** to display the on-screen Guide, **RES** to change screen resolutions, and the **arrow** and **OK** keys as you would those on the remote control.

Movie Ratings

MPAA (Motion Picture Association of America) Ratings System

G – General Audience

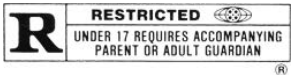
This is a film which contains nothing which would, in the view of the MPAA Rating Board, be offensive to parents whose younger children view the film.

PG – Parental Guidance Suggested

The theme of a PG-rated film may itself call for parental guidance. There may be some profanity in these films. There may be some violence or brief nudity. But these elements are not deemed so intense as to require that parents be strongly cautioned beyond the suggestion of parental guidance. There is no drug use content in a PG-rated film.

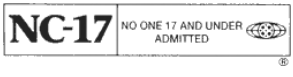
PG-13 – Parents Strongly Cautioned

A PG-13 film is one which, in the view of the MPAA Rating Board, leaps beyond the boundaries of the PG rating in theme, violence, nudity, sensuality, language, or other contents, but does not quite fit within the restricted R category. Any drug use content will initially require at least a PG-13 rating.



R – Restricted

An R-rated film may include hard language, or tough violence, or nudity within sensual scenes, or drug abuse or other elements, or a combination of some of the above, so that parents are counseled to take this advisory rating very seriously.



NC-17 – No Children 17 or Under

NC-17 does not necessarily mean “obscene or pornographic” in the often accepted or legal meaning of those words. The MPAA Review Board does not and cannot mark films with those words. These are legal terms and for courts to decide. The reasons for the application of an NC-17 rating can be violence or sex or aberrational behavior or drug abuse or any other elements which, when present, most parents would consider too strong and therefore off-limits for viewing by their children.

TV Ratings

TV Parental Guidelines Ratings System

The TV Parental Guidelines ratings provide program ratings and content ratings. This provides a clearer idea of the reason for a program's rating.

Program Ratings

TV-Y – All Children
This program is designed to be appropriate for all children.

TV-Y7 – Directed to Older Children
This program is designed for children age 7 and above. It may include mild fantasy violence or comedic violence.

TV-G – General Audience
Most parents would find this program suitable for all ages.

TV-PG – Parental Guidance Suggested
This program contains material that parents may find unsuitable for younger children.

TV-14 – Parents Strongly Cautioned
This program contains some material that many parents would find unsuitable for children under 14 years of age.

TV-MA – TV Mature Audience Only
This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.

Content Ratings

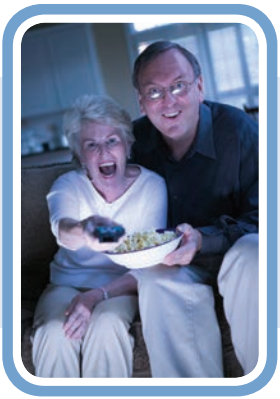
Content Ratings are shown just below the program rating.

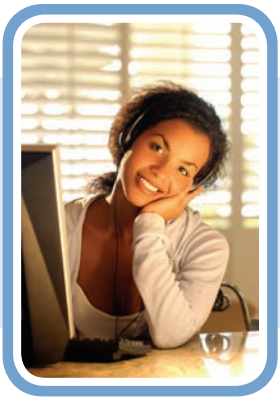
FV: Fantasy Violence (only applied to TV-Y7)
For those programs where fantasy violence may be more intense or more combative than other programs in this category.

The meaning of a content rating increases as the program rating increases.

V: Violence	TV-PG: Moderate; TV-14: Intense; TV-MA: Graphic
S: Sexuality	TV-PG: Some; TV-14: Intense; TV-MA: Explicit
L: Language	TV-PG: Infrequent; TV-14: Strong; TV-MA: Crude
D: Dialogue	TV-PG: Some; TV-14: Intense; TV-MA: Not used

For more information on TV Parental Guidelines Monitoring Board and its rating system, please visit www.tvguidelines.org.





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